

SEERS OF 80 TOLAHS.

BAJRA OR CUMBU. (<i>Pennisetum typhoides</i> .)			MARUA OR RAGI. (<i>Elaeusine Corocana</i> .)		
Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding re- turn.	Corresponding re- turn of last year.

S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
...
...
...

...	16	0	19	0	...	...	...
15	4	...	19	0	...	...	...
...	
...	20	0	20	0	20	0
...	...	...	21	0	...	23	8
...	20	0	19	0	25	0
...	23	1	22	0	25	0

...	...	12	10	...	...	24	0
...
...
16	0	16	0	19	0	...	...
...

...
...
...

...	...	...	24	0	23	0	26
...	...	...	31	0	30	0	30
...	...	...	...	23	10	...	...
...
...

KANGNI OR KAKUN, ITALIAN MILLET. (<i>Setaria italica</i> .)	GRAM, CHANA, CHHOLA, KADALAY OR SUNAGA. (<i>Cicer ariselinum</i> .)
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Present return.	Next preceding re- turn.	re- turn of last year.	Present return.	Next preceding re- turn.	re- turn of last year.
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S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
...	16	0	16	0	11	0
..	12	8	12	8	8	0
...	13	0	13	0	10	8

20	0	20	0	21	0	23	0	26	0	16	0
14	4	14	4	16	4	22	0	22	0	16	0
...	...	...	...	...	...	22	0	21	0	14	0
18	0	18	8	16	0	22	0	22	0	14	5
...	...	...	...	...	...	21	0	21	8	15	8
...	..	...	...	...	...	19	0	22	0	15	0
...	22	0	10	0	23	1	22	0	14	5	

12	10	12	9	15	3	$\left. \begin{array}{l} 22\ 0 \\ \text{to} \\ 24\ 2 \end{array} \right\}$	24	2	15	12	
...					20	3	20	3	14	8
...	...	...						24	0	12	0
13	0	13	0	13	0	14	0	14	0	11	0
...	...	...				16	0	16	0	11	8

...	...	...	...	...	...	Kalai or biri. 17 12 17 12 20 5 (Chhola.) 12 0 13 0 12 0 Biri or Kalai. 16 0 16 0 13 0
...	...	...	...	...	...	13 11 14 7 18 6

..	...	..	...	...	...	16 0 16 0 14 0
...	...	...	...	...	...	14 0 15 0 to to 15 0 16 0 } 12 0
...	...	...	...	...	...	16 14
...	..	...	...	...	...	16 0 16 0 to to 17 0 17 0 } 14 8
...	...	...	...	...	...	12 0 12 0 12 0

Station Bazars of the Districts of Bengal on the 28th February, 1894—(concluded).

INDIAN-CORN OR MAIZE (Zea Mays.)			ARHAR OR THUR, CADJAN PEA. (Cajanus indicus.)			FIREWOOD.			SALT.			WHOLESALE PRICES PER MAUND OF 40 SEERS.			DISTRICTS.	Number.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.		

BENGAL—continued.

S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
...	10 8	10 8	11 0	...	...	...	...	U	10 0	9 0	10 13	4 0	4 2	0 3	12 0	Tippera.	24	CHITTAGONG DIVISION
...	V	8 0	7 4	10 0	4 8	0 4	14 0	3 12	Noakhali.	25	
...	W	10 0	10 0	10 0	3 14	0 3	14 0	3 12	Chittagong.	26	

BIHAR.

X																											27							
23	0	21	0	22	0	25	0	25	0	20	0	130	0	130	0	130	0	11	0	11	0	11	8	3	10	0	3	10	0	3	8	0	Patna.	27
Y																											28							
...	22	4	18	8	21	0	21	0	20	0	120	0	120	0	120	0	9	12	9	12	10	0	4	1	0	4	1	0	3	13	0	Gaya.	28	
Z																											29							
18	0	17	0	20	0	19	0	19	0	22	0	120	0	120	0	160	0	10	8	10	8	11	0	3	14	0	3	12	0	3	10	0	Shahabad.	29
a																											30							
20	8	19	8	19	8	24	8	24	8	14	4	200	0	200	0	200	0	10	0	10	0	10	12	4	0	0	4	0	0	3	10	6	Saran.	30
b																											31							
18	0	18	4	21	8	22	0	22	4	14	8	180	0	180	0	160	0	10	8	10	8	10	8	3	12	0	3	12	0	3	12	0	Champaran.	31
c																											32							
18	8	18	0	21	4	21	8	21	8	15	0	160	0	160	0	160	0	11	0	11	0	11	0	3	10	0	3	10	0	3	10	0	Muzaffarpur.	32
d																											33							
20	14	18	11	23	2	23	1	22	0	13	3	176	0	176	0	176	0	11	0	11	0	10	0	3	8	0	3	8	0	3	14	0	Darbhanga.	33

PATNA DIVISION.

19 15 21 0	19 15 21 0	23 2	16 13 21 0	23 1	17 1	126 to 168 0	0 126 to 0 168 0	168	10 0 f	10 0	10 14	3 11 0	3 14 0	3 14 6	Monghyr.	34
21 4	21 7	22 11	16 6	20 3	16 6	126 8	126 12	151 8	10 1	10 1	10 11	4 0 0	4 0 0	3 12 0	Bhagalpur.	35
...	...	26 0	...	20 0	16 0	...	320 0	320 0	g	10 0	10 0	...	4 0 0	3 10 2	Purnea (Kasba).	36
24 0	24 0	...	13 0	12 0	13 0	120 0	120 0	160 0	9 0 h	9 0	10 0	...	...	...	Malda (English Bazar).	37
21 0	21 0	23 8	19 0	20 0	21 8	130 0	130 0	200 0	10 0	10 0	10 8	3 12 0	3 12 0	3 10 3	Sonthal Parganas.	38

ORI

ORISSA.

...	...	...	...	21	0	21	0	18	6	80	0	80	0	80	0	9	4	9	4	10	12	3	12	0	3	12	0	3	6	0	Cuttack.	39
...	...	...	...	11	0	10	0	10	12	130	0	130	0	160	0	10	8	10	8	11	0	3	12	0	3	11	0	3	10	0	Balasore.	40
...	...	...	...	17	11	17	12	14	7	80	0	80	0	80	0	10	8	10	8	11	8	3	10	0	3	10	0	3	5	0	Puri.	41

CHOTA NAGPUR.

																		k																				42			
18	0	18	0	20	0	18	0	18	0	15	0	240	0	240	0	240	0	8	0	8	0	9	0	4	8	0	4	8	0	3	14	6	Hazaribagh.	42							
20	0	28	0	20	0	Big.			Big.	Big.	160	0	160	0	160	0	9	8	9	12	9	8	4	4	0	4	4	0	4	0	0	Lohardaga. (Ranchi).	43								
				Small.			Small.	Small.																																	
23	10	23	10	...	...	20	4	...	...	...	...	...	...	...	...	...	9	0	8	7	9	0	...	...	...	...	...	...	...	...	...	...	Palamau.	44
28	0	28	0	18	8	20	0	19	0	18	8	...	...	...	...	...	9	2	9	2	10	10	4	0	0	4	0	0	3	10	0	Manbhum.	45			
...	...	...	...	...	...	16	0	16	0	14	0	100	0	100	0	100	0	8	0	8	0	9	0	4	6	0	4	6	0	4	6	0	Singbhum.	46		

Manbhum 11 seers and Samastipur 10 seers.

CHOTA NAGPUR DIVISION.

- d In the subdivisions the retail prices of salt per rupee are :—Madhubani 11 seers and Samastipur 10 seers.
e In the subdivisions the retail prices of salt per rupee are :—Bogusarai 10½ seers and Jamui 10 seers.
f In the subdivisions the retail prices of salt per rupee are :—Banka not reported, Madhipura 9½ seers, and Supaul 10 seers.
g In the subdivisions the retail prices of salt per rupee are :—Kishanganj 10 seers and Arraria 9 seers.
h In the subdivisions the retail prices of salt per rupee are :—Deoghur 10½ seers, Godda 9 seers, Jamtara 9 seers, Pakur 10½ seers, and Rajmahal 10 seers.
i In the subdivisions the retail prices of salt per rupee are :—Jajpur 9 seers, Kendrapara 9 seers, and Banki 11 seers.
j At Bhadrak the retail price of salt is 9 seers per rupee.
k At Giridih the retail price of salt is 11 seers per rupee.
l At Gobindpur the retail price of salt is 11 seers per rupee.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt

Number.	MARTS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 1 0	3 0 9	3 7 0	2 7 0	2 7 6	2 5 0	5 5 0	5 5 3	5 9 0	3 15 3	3 15 6	4 0 0
2	Sirajganj ...	2 8 0	2 6 0	...	...	...	...	5 8 0	5 8 0	...	3 8 0	3 8 0	...
3	Dacca ...	3 4 0	3 4 0	...	...	...	...	4 8 0	4 8 0	3 10 0	3 12 0	3 14 0	3 6 0
4	Narayanganj ...	...	...	...	...	...	...	4 4 0	4 4 0	3 8 0	3 8 0	3 8 0	3 4 0
5	Chittagong ...	3 4 0	3 4 0	4 0 0	...	...	...	3 6 0	3 10 0	3 9 0	3 0 0	3 2 0	3 1 0
6	Patna ...	2 3 6	Red. 2 6 0	2 13 6	1 13 0	1 13 0	2 1 3	4 0 0	4 0 0	4 0 0	2 6 0	2 6 0	2 8 0
		2 6 0	White. 2 8 0	3 0 0									
7	Balasore ...	2 12 0	2 4 0	3 8 0	4 12 0	3 12 0	3 12 0	3 0 0	3 0 0	3 12 0	2 2 0	2 2 0	2 8 0
8	Puri ...	3 3 0	3 12 0	4 4 0	...	...	...	5 1 0	5 1 0	5 1 0	2 3 0	2 4 0	2 11 0
9	Cuttack ...	2 12 0	2 12 0	3 10 0	...	...	...	3 10 0	3 10 0	3 10 0	2 7 0	2 7 0	2 12 0

CALCUTTA,
The 6th March, 1894.

PRICES PER MAUND											
JOWAR OR CHOLU. (<i>Sorghum Vulgare</i> .)						BAJRA OR CUMBU. (<i>Pennisetum typhoides</i> .)					
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.
200	200	220	283	280	...	...	...	...	...	...	...
...
...
...
...
200	216	200	...	280	213	...	...	...	...	...	...
...
...
...

40 SEERS.

MARUA OR PAOL. (<i>Eleusine Coracana.</i>)			KANONI OR KAKUN ITALIAN MILLET. (<i>Setaria italica.</i>)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
...	4 15 0	4 13 0	...
...
...
...
...
...
...	2 0 0	2 0 0	1 14 6
...
...
...

in the undermentioned Marts of Bengal on the 28th February, 1894.

GRAM, CHANA, CHHOLA, KADALAY OR SUNAGA. (<i>Vicia Arictinum.</i>)			INDIAN-CORN OR MAIZE. (<i>Zea Mays.</i>)			ARHAR OR THUR, CADJAN PEA. (<i>Cajanus indicus.</i>)			FIREWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
2 8 3	2 8 0	2 11 6	1 13 3	1 13 0	2 0 0	2 1 0	2 1 0	3 3 0	0 6 9	0 6 9	0 6 0	3 10 0	3 10 0	4 0 0	Calcutta.
2 8 0	2 6 0	...	...	...	...	...	...	...	0 6 6	0 6 6	...	3 14 0	3 13 0	3 8 0	Sirajganj.
2 4 0	2 4 0	...	...	...	...	2 0 0	2 0 0	...	0 5 0	0 5 0	0 5 0	4 0 0	4 0 0	3 10 0	Dacca.
2 0 0	2 0 0	...	...	...	...	1 12 0	1 12 0	...	0 6 0	0 6 0	0 6 0	3 14 0	3 14 0	3 10 0	Narayanga.
2 0 0	3 0 0	3 11 0	...	...	...	...	...	...	0 8 0	0 8 0	0 5 0	3 14 0	3 14 0	3 12 0	Chittagong.
1 11 6	1 8 9	2 8 0	1 11 6	1 14 6	1 13 0	1 9 6	1 9 6	2 0 0	0 5 0	0 5 0	0 5 0	3 10 0	3 10 0	3 8 0	Patna.
2 14 0	2 14 0	2 14 0	...	...	...	3 8 0	3 12 0	3 10 0	...	...	...	3 12 0	3 11 0	3 10 0	Balaasore.
2 13 0	2 10 0 (Kalai or biri.)	2 2 0	...	...	...	2 4 0	2 3 0	2 11 0	0 8 0	0 8 0	0 8 0	3 10 0	3 10 0	3 5 0	Puri.
2 2 0	2 2 0	2 0 0	...	...	...	2 0 0	2 0 0	2 4 0	0 8 0	0 8 0	0 8 0	3 12 0	3 12 0	3 6 0	Cuttack.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY,
THE 3RD OF MARCH 1894.

Abnormal meteorological conditions obtained over the province at the close of the previous week, and rather numerous local storms with rain were reported in many districts on the morning of the 24th of February, or the last day of the previous week. On the 25th pressure fell considerably over parts of Central Bengal, Bihar and Chota Nagpur, and a decided depression was formed over that area where pressure was below the normal by nearly a tenth of an inch. Hence winds became southerly over a large part of the province, and high temperature and humidity prevailed. Rather disturbed weather existed in and near the hills of North Bengal, in East Bengal, and in Assam, and fairly heavy rain fell over these areas during local storms. On the 26th the low pressure area had advanced in an easterly direction and stretched between Saugor Island and Purnea. Weather on this day in Bengal was rather less disturbed than it had been, and only a few light showers were reported, principally in North Bengal and Assam. In other respects conditions were unchanged. On the 27th the low pressure area still existed over Bengal, weather became rather more generally disturbed, and local storms with rain were rather numerous. On the 28th these conditions remained practically unchanged, pressure being decidedly low, and southerly winds blowing over the province, giving decidedly disturbed weather and numerous local storms with rain. On the 1st of March pressure had given way rapidly in Bengal, the fall equalling in some cases about a seventh of an inch, and a very influential barometric depression was formed over the western half of the province, while the differences of pressure over the Bay became considerable. Local storms with rain were therefore again numerous, and rather strong southerly winds were blowing at the head of the Bay. On the 2nd of March a further fall of pressure took place over the greater part of Bengal, and the depression moved somewhat in an easterly direction, and at some stations pressure was a fifth of an inch below the normal. Again local storms with rain were numerous, and in some cases they were severe, and Barisal reported 3.55 inches during a thunderstorm with hail. Madaripur in the Faridpur district also registered 4.70 inches of rain, Gournadi (Backergunge district) 3.48 inches, Ramganj (Noakhali district) 4.65 inches, Mirsarai (Chittagong district) 5.82 inches, and Rangamati 3.72 inches. On the 3rd March a rather brisk fall of pressure had again occurred in Bengal, and pressure became in defect by amounts ranging up to 0.255 inch at Malda. Disturbed conditions therefore continued, and several heavy falls of rain accompanying local storms were reported, Rangamati receiving the very heavy fall of 7.52 inches. With this pressure distribution also strong southerly winds were blowing over the province from the Bay, bringing up much moisture, while temperature was also generally in excess by about 3°.

Practically, therefore, throughout the week conditions have been disturbed and unsettled, and rather numerous local storms with rain have occurred in all districts, the falls being decidedly heavy in East Bengal.

Pressure.—Has been extremely low practically throughout the week, and the general defect has equalled from 0.11 inch to about 0.14 inch, and this defect has been fairly equally distributed in all districts.

Temperature.—The mean temperature of the whole province for the past week has been 1.1° above the normal, but this excess has been unequally distributed, and excess amounts of two to two and a half degrees have been registered in South-West Bengal and Orissa, and very small excess amounts only in East and North Bengal.

The actual temperatures registered during the week, and their variations from the normal temperature for the present season, are most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the week at nine typical stations in the Province are compared with the normal values for the same period. The day or maximum readings for the week have indeed shown a slightly lower temperature than usual, and the defect at the nine stations in the maximum or day temperature has equalled 1.6°, while in the night or minimum temperature the excess has averaged 1.4° only :—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending Saturday, the 3rd of March 1894.

	Normal mean maximum temperature for the week ending 3rd March.	Actual mean maximum temperature for the week ending 3rd March 1894.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 3rd March.	Actual mean minimum temperature for the week ending 3rd March 1894.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 3rd March.	Actual mean daily temperature for the week ending 3rd March 1894.	Variation of actual mean from the normal.
Cuttack	94.4	94.0	-0.4	69.3	70.8	+1.5	81.9	82.4	+0.5
Calcutta	86.3	87.0	+0.7	65.1	68.1	+3.0	75.7	77.6	+1.9
Dacca	85.3	82.2	-3.1	63.3	65.0	+1.7	74.3	73.6	-0.7
Burdwan	88.4	88.1	-0.3	63.4	66.7	+3.3	75.9	77.4	+1.5
Patna	82.5	81.4	-1.1	64.8	61.4	-3.4	73.7	71.4	-2.3
Gaya	87.2	86.1	-1.1	60.6	62.6	+2.0	73.9	74.4	+0.5
Purnea	84.7	79.6	-5.1	55.3	59.2	+3.9	70.0	69.5	-0.5
Hazaribagh	83.1	83.0	-0.1	58.5	60.6	+2.1	70.8	71.8	+1.0
Darjeeling	61.0	46.9	-14.1	39.2	37.9	-1.3	45.1	42.4	-2.7

Rainfall.—The heavy average rainfall of 2·95 inches has been registered in East Bengal during the week, which is six times the usual amount for the period. North Bengal has also received 0·34 inch, or nearly three times as much as usual. On the other hand, in South-West Bengal, Bihar and Orissa the falls have only averaged a tenth of an inch, and in Chota Nagpur the fall has been only 0·04 inch.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 3rd of March 1894:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.						RAINFALL.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 16th Oct. 1893.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
South-West Bengal ...	98·3	60·9	88·3	67·2	77·8	+2·2	0·10	0·34	—0·24	0·17	0·44	—0·27	0·09	0·24	2·71	4·41
North Bengal ...	86·9	53·6	75·1	57·8	66·5	+0·3	0·34	0·13	+0·21	1·36	0·20	+1·16	0·16	0·11	3·67	3·20
East Bengal ...	88·3	60·5	81·7	65·4	73·6	+0·7	2·98	0·45	+2·53	3·00	0·55	+2·45	2·50	0·34	7·61	5·45
Bihar ...	88·6	54·9	82·3	61·2	71·8	+1·1	0·09	0·05	+0·04	0·33	0·14	+0·19	0·08	0·04	4·98	2·55
Orissa ...	99·2	64·2	88·6	71·7	80·2	+2·4	0·12	0·15	—0·03	0·20	0·24	—0·04	Nil	0·08	5·70	6·08
Chota Nagpur* ...	94·8	56·3	85·0	61·7	73·4	+1·2	0·04	0·13	—0·09	0·18	0·31	—0·13	0·03	0·11	3·92	3·13

METEOROLOGICAL OFFICE, BENGAL,

The 6th March 1894.

A. PEDLER,

Meteorological Reporter to the Govt. of Bengal.

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of February 1894.

	Inches.	Date.	Hour.
The mean pressure of the month	29.966		
The average pressure of February from 24 years' registers ...	29.945		
The highest pressure in the month	30.166	4th	10
The lowest pressure in the month	29.761	28th	16
The range of pressure	0.405		
<hr/>			
	Hours.		
The total number of hours of bright sunshine during the month	253.7		
The maximum possible number of hours of sunshine ...	318.0		
<hr/>			
	°		
The mean temperature of the month	72.0		
The average temperature of February from 24 years' registers	73.0		
The highest temperature in the month	91.5	17th	
The lowest temperature in the month	54.1	6th	
The range of temperature during the month	37.4		
The mean daily range of temperature	22.1		
The greatest range of temperature in one day	27.8	7th	
<hr/>			
	Per cent.		
The mean humidity of the month	70		
The average humidity of February from 24 years' registers ...	67		
<hr/>			
	Inches.		
The mean vapour tension of the month	0.542		
The average vapour tension of February from 9 years' registers	0.538		
The mean cloud proportion of the month	1.38		
The average cloud proportion of February from 17 years' registers	1.89		
The total rainfall of the month	0.25		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge about 52 feet above the ground)	0.24		
The average fall of February from 48 years' registers ...	0.87		
The greatest fall in 24 hours	0.19	22nd	
<hr/>			
	Days.		
The number of rainy days in the month	2		
The average number of rainy days in February from 24 years' registers	3		
<hr/>			
	°		
The mean maximum equilibrium temperature of solar radiation during the month	136.7		
The mean difference of sun and air temperatures	52.6		
The greatest sun temperature	143.9	27th	
The greatest excess of sun over air temperature	59.5	23rd	
The mean temperature of the nocturnal radiation thermometer on woollen cloth	55.0		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground	7.3		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature	9.6	1st	
<hr/>			
	Miles.		
The mean movement of the wind per day	54.6		
The greatest movement of the wind in one day	124.0	26th	
The greatest movement of the wind in one hour	14.0	26th, 9th to 10th, A.M.	
<hr/>			
The number of hours with winds from each of the 8 points—			
N. 99, N.E. 71, E. 26, S.E. 12, S. 20, S.W. 81, W. 85, N.W. 56, Calm 222.			

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park Street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore .003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 2.1 lower; and, finally, the thermometer which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards is found to read 0.6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

C. LITTLE,

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 5th March 1894.

For Meteorological Reporter to the Govt. of India.

Abstract of the Results of the Barometric and Thermometric Observations taken at 10 a.m. at the Meteorological Office, Chowringhee, in the month of February 1894.

	Inches.	Dats.
The mean pressure at 10 A.M. during the month ...	30.086	
The mean temperature at 10 A.M. during the month ...	76.4	
The highest temperature during the month ...	92.3	17th
The lowest temperature during the month ...	54.4	1st
The absolute range of temperature during the month ...	37.9	
The mean daily range of temperature during the month ...	23.0	
The greatest range of temperature in one day during the month ...	28.4	7th
The mean 10 A.M. humidity during the month ...	62	
The mean 10 A.M. vapour tension during the month ...	0.573	
The total rainfall of the month ...	0.25	
The greatest fall in 24 hours ...	0.25	22nd
The number of rainy days in the month ...	1	

C. LITTLE,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,

The 5th March 1894.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 25th February to 3rd March 1894.

MONTH.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Falt.	TEMPERATURE.						HYGROMETRY.			Rainfall, past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
February	25th	29.985	78.0	89.0	22.1	66.9	79.6	74.7	.795	72.3	78	Nil
"	26th	.967	78.5	86.7	16.5	70.2	80.2	73.1	.721	69.5	70	"
"	27th	.971	75.2	88.0	25.6	62.4	79.6	69.6	.590	63.6	58	"
"	28th	.909	79.9	90.0	20.2	69.8	82.6	75.0	.767	71.3	69	"
March	1st	.760	82.2	90.5	16.7	73.8	84.6	77.0	.827	73.5	70	"
"	2nd	.793	82.1	92.5	20.9	71.6	82.6	76.5	.832	73.6	75	"
"	3rd	.752	81.3	92.0	21.4	70.6	84.6	74.5	.720	69.4	61	"

The mean 10 A.M. pressure of the seven days ...	29.870
The mean temperature of the seven days ...	79.6
The extreme variation of temperature ...	30.1
The maximum temperature ...	92.5
The mean 10 A.M. relative humidity of the seven days ...	69
The total fall of rain from 25th February to 3rd March 1894 ...	Nil
The daily mean temperatures are the crude means of maximum and minimum temperatures.	

C. LITTLE,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,

The 5th March 1894.

IRRIGATION DEPARTMENT, BENGAL.

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1893-94.

Areas leased for irrigation up to end of January 1894.

CIRCLE.	District.	Canal.	Estimated full discharge.	Average discharge in month.	Discharge utilised.	Approximate area of land irrigated during the year up to the end of the month.	Approximate area of land under irrigation up to the same date last year.	DETAILS OF AREAS LEASED.										Rainfall, 1893-94.		REMARKS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
								Long-term leases.	Five years, khairif.	Kharif.	Rabi.	Sugarcane.	Bhadol.	Hot-weather.	Total.	GRAND TOTAL.	During month.	Up to end of month.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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ORISSA	Cuttack	Talanda, 1st reach	1,362	89	7	6,605	8,732	6,593	113	113	6,706

* There are no separate leases for sugarcane on the Sonu Canals. All leased fields that crop now come under one of the other heads.

CALCUTTA,
The 6th March 1894.G. O. MACONCHY,
Under-Secy. to the Govt. of Bengal.Whole month
discharging.
24 days dis-
charging.

CIRCULAR AND EASTERN CANALS.

*Approximate return of traffic for the week ending Saturday, the 3rd March 1894,
as compared with the corresponding week of the previous year.*

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 3RD MARCH 1894.			WEEK ENDING SATURDAY, THE 4TH MARCH 1893.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	765	1,66,063	2,433	1,292	4,17,775	7,386
Jute	63	28,150	485	108	66,175	1,023
Firewood	75	49,400	745	119	60,300	887
Other articles	821	1,90,462	3,050	1,006	2,56,680	3,882
Total	1,724	4,34,075	6,713	2,525	8,00,930	13,178

EASTERN BENGAL STATE RAILWAY.

Abstract of principal commodities carried over the Eastern Bengal State Railway during the month of December 1893, as compared with the same month of the previous year.

STAPLES.	1893.		1892.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1893.	1892.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal and Coke carried for the Public and Foreign Railways.	5,441	28,070	6,159	3,462	36,755a	36,290a	465	
Cotton, raw	88	139	27	253	227	280		53
Cotton, manufactured—								
Twist and yarn, European	32							
Ditto, Indian	216	90	2,849	100	3,034	2,958	76	
Piece-goods, European	2,302	3						
Ditto, Indian	103	18						
Drugs and Chemicals—								
Intoxicating, other than opium	4	1						
Non-intoxicating—								
Cinchona bark					53		53	
Others	35	13						
Dyes and Tans—								
Indigo		100						
Myristicams								
Cutch	37							
Turmeric	26	165			335		335	
Aniline dyes								
Others	6	1						
Grain and pulse—								
Wheat	40	50						
Rice in the husk	1,884	5,524						
Rice not in the husk	3,942	2,593	2,158	4,012	6,535	6,170	365	
Jawar and bajra								
Gram and pulse	82	628						
Others	669	519	1,044	4,184	10,136	5,228	4,908	
Hides and skins—								
Hides of cattle—								
Dressed or tanned								
Raw	10	1,352	6	678	1,362	684	678	
Skins of sheep, &c.—								
Dressed or tanned								
Raw								
Horns		11			11		11	
Jute—								
Raw	81	25,832	78	26,224	25,913	26,502		589
Gunny bags and cloth	394	1,110	305	1,447	1,504	1,752		248
Lac—								
Stick								
Shell	3	16			19		19	
Leather, manufactured	52				52		52	
Liquors—								
Beer								
Spirits	44							
Wines	68	10			122		122	
Metals—								
Copper, unwrought	2							
Brass, do.	4							
Copper, wrought	8							
Brass, do.	267	47	2,107	143	1,702	2,250		548
Iron	1,177	63						
Others	107	27						
Oils—								
Kerosine	6,491		5,338	24	6,491	5,362	1,129	
Castor	8							
Cocoonant	61							
Others	437	77	325	56	585	381	204	
Oilseeds—								
Linseed		350						
Rape and mustard	188	1,034						
Til or jinjili		91						
Poppy	3		236	685	1,604	921	683	
Earth-nuts								
Castor								
Others	10	1						
Opium								
Paper and pasteboard	66	1			67		67	
Provisions—								
Ghee	95	5						
Dried fruits and nuts	12	1	510	388	1,200	898	302	
Others	667	420						
Railway plant and rolling-stock carried for the Public and Foreign Railways—								
Locomotives, engines and tenders and parts thereof								
Carriages and trucks and parts thereof								
Materials—								
Steel rails and fish-plates, sleepers and keys of steel and cast-iron.					3,258b	9,442b		6,184
Other sorts								
Salt	4,255	25	3,418	48	4,280	3,466	814	
Saltpetre, &c.—								
Saltpetre	5				5		5	
Other saline substances								
Silk, raw—								
Foreign								
Indian	1	17			18		18	

(a) Includes Loco. coal 20,609 and 3,244 tons during 1892 and 1893, respectively, carried for Revenue, for which no "Up" and "Down" register maintained.

(b) Railway plant and rolling-stock 9,442 and 3,388 tons for the years 1892 and 1893, respectively, for which no "Up" and "Down" register maintained.

STAPLES.	1893.		1892.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1893.	1892.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Silk piece-goods—								
Foreign	.....	.....	.....	.....	.....	.....	.....	.....
Indian	.....	3	.....	.....	3	.....	3	.....
Spices—								
Betel-nuts	281	873	124	1,184	1,154	1,308	.....	154
Pepper	88	.....					
Ginger	.....	6						
Chillies	629	.....					
Cardamoms	.....	9	.....	.....	957	.....	957	.....
Others	107	118						
Stone and lime	552	205			757	.....	757	.....
Sugar—								
Refined or crystalized, including sugar-candy.	298	1	869	516	1,902	1,385	517	.....
Unrefined, viz., molasses and jaggery or gur, and other saccharine produce.	1,393	210						
Tea—								
Foreign	.....	.....	.....	.....	.....	.....	.....	.....
Indian	.....	5,846	1	2,253	5,846	2,254	3,592	.....
Timber	273	104	193	305	377	498	.....	121
Tobacco—								
Unmanufactured	85	791	78	690	803	738	155	.....
Manufactured—								
Clears	.....	.....				
Other sorts	12	5	.....	.....	67	.....	67	.....
Wool, raw	1	66						
Wool, manufactured—								
Piece-goods, European	.....	.....	.....	.....	.....	.....	.....	.....
Ditto, Indian	11	1	.....	.....	12	.....	12	.....
Shawls	.....	.....	.....	.....	.....	.....	.....	.....
All other articles of merchandise	5,417	1,846	5,361	2,502	7,263	7,863	.....	600
Total	39,580	78,417	31,186	40,333	1,24,499	1,16,630	16,866	8,497

Statement of principal commodities carried on the Eastern Bengal State Railway during the month of December 1893.

INCREASES.		DECREASES.	
	Tons.		Tons.
Kerosine oil	1,129	Railway plant and rolling-stock carried for the Public and Foreign Railways	6,184
Partly due to the prohibition of carriage by boat within certain limits of the port of Calcutta and partly to the extension of bulk oil traffic.		Due to the completion of works on the Barsoe, Kissenjunge branch and the C. B. S. Railway.	
Tea	3,592		
From Darjiling and the Duars.			

Calcutta, the 3rd March 1894.

J. SHAW,
for Examiner of Accounts.

BENGAL CENTRAL RAILWAY.

Abstract of principal commodities carried over the Bengal Central Railway during the month of December 1893, as compared with the same month of the previous year.

STAPLES.	1893.		1892.		TOTAL.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1893.	1892.		
	Tons.	Tons.	Tons.	Tons.	Tons. (a)	Tons. (a)	Tons.	Tons.
Coal and Coke carried for the Public and Foreign Railways.	1,294	.....	1,751	.....	1,294	2,251	.....	957
Cotton, raw	2	.....	.....	3	2	3	.....	1
Cotton, manufactured—								
Twist and yarn, European	120	.....	451	.....	493	451	42	.....
Ditto, Indian	373	.....	.....	.....	.....	.....	.....	.....
Piece-goods, European	.....	.....	.....	.....	.....	.....	.....	.....
Ditto, Indian	.....	.....	.....	.....	.....	.....	.....	.....
Drugs and Chemicals—								
Intoxicating other than Opium	.....	.....	.....	.....	3	.....	3	.....
Non-intoxicating—								
Cinchona Bark	3	.....	.....	.....	.....	.....	.....	.....
Others	.....	.....	.....	.....	.....	.....	.....	.....
Dyes and Tans—								
Indigo	.....	.....	.....	.....	.....	.....	.....	.....
Myrabolams	.....	.....	.....	.....	28	.....	28	.....
Cutch	9	19	.....	.....	.....	.....	.....	.....
Turmeric	.....	.....	.....	.....	.....	.....	.....	.....
Aniline Dyes	.....	.....	.....	.....	.....	.....	.....	.....
Others	.....	.....	.....	.....	.....	.....	.....	.....
Grain and pulse—								
Wheat	10	40	.....	.....	.....	.....	.....	.....
Rice in the husk	542	13	25	851	555	876	.....	321
Do. not in the husk	.....	.....	.....	.....	.....	.....	.....	.....
Jawar and Bajra	27	7	.....	.....	.....	.....	9	.....
Gram and pulse	22	22	98	21	128	119	.....	.....
Others	.....	.....	.....	.....	.....	.....	.....	.....
Hides and skins—								
Hides of cattle—								
Dressed or tanned	.....	110	.....	.....	110	38	72	.....
Raw	.....	.....	.....	38	.....	.....	.....	.....
Skins of sheep, &c.—								
Dressed or tanned	.....	.....	.....	.....	1	.....	1	.....
Raw	.....	1	.....	.....	.....	.....	.....	.....
Horns	.....	.....	.....	.....	.....	.....	.....	.....
Jute—								
Raw	.....	590	.....	990	590	990	.....	400
Gunny bags and cloth	22	5	19	1	27	20	7	.....
Lac—								
Stick	.....	.....	.....	.....	.....	.....	.....	.....
Shell	3	.....	.....	.....	3	.....	3	.....
Leather, manufactured	.....	.....	.....	.....	.....	.....	.....	.....
Liquors—								
Beer	.....	.....	.....	.....	4	.....	4	.....
Spirits	.....	.....	.....	.....	.....	.....	.....	.....
Wines	4	.....	.....	.....	.....	.....	.....	.....
Metals—								
Copper, unwrought	.....	.....	.....	.....	.....	.....	.....	.....
Brass, ditto	.....	.....	.....	.....	.....	.....	.....	.....
Copper, wrought	.....	.....	163	15	76	178	.....	102
Brass, ditto	9	4	.....	.....	.....	.....	.....	.....
Iron	39	.....	.....	.....	.....	.....	.....	.....
Others	16	8	.....	.....	.....	.....	.....	.....
Oils—								
Kerosine	146	.....	142	4	146	146	.....	.....
Castor	2	.....	.....	.....	.....	.....	.....	.....
Cocconut	8	.....	.....	.....	186	107	79	.....
Others	176	.....	167	.....	.....	.....	.....	.....
Oilseeds—								
Linseed	.....	2	.....	.....	.....	.....	.....	.....
Rape and mustard	139	.....	.....	.....	.....	.....	.....	.....
Til or gingelly	.....	.....	39	23	154	63	92	.....
Poppy	.....	.....	.....	.....	.....	.....	.....	.....
Earth-nuts	.....	.....	.....	.....	.....	.....	.....	.....
Castor	.....	.....	.....	.....	.....	.....	.....	.....
Others	10	3	.....	.....	.....	.....	.....	.....
Opium	.....	.....	.....	.....	5	.....	5	.....
Paper and pasteboard	5	.....	.....	.....	.....	.....	.....	.....
Provisions—								
Ghee	3	.....	.....	.....	.....	.....	.....	.....
Dried fruits and nuts	.....	1	55	144	166	199	.....	33
Others	48	114	.....	.....	.....	.....	.....	.....
Railway Plant and rolling-stock carried for the Public and Foreign Railways—								
Locomotives, engines and tenders and parts thereof	.....	.....	.....	.....	.....	.....	.....	.....
Carriages and trucks and parts thereof	.....	.....	.....	.....	(b)	(b)	.....	.....
Materials—								
Steel rails and fish-plates, sleepers and keys of steel and cast iron.	.....	.....	.....	.....	109	123	.....	14
Other sorts	.....	.....	.....	.....	.....	.....	.....	.....
Salt	296	3	249	.....	290	240	50	.....
Saltpetre, &c.—								
Saltpetre	.....	.....	.....	.....	.....	.....	.....	.....
Other saline substances	.....	.....	.....	.....	.....	.....	.....	.....

(a) Includes Loco, coal 500 and nil tons during 1892 and 1893, respectively, carried for Revenue, for which no "Up" and "Down" register maintained.

(b) Railway plant and rolling-stock 123 and 109 tons for the years 1892 and 1893, respectively, for which no "Up" and "Down" register maintained.

STAPLES.	1893.		1892.		TOTAL.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1893.	1892.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Silk, raw—								
Foreign	.....	.....	.....	.....	.....	.....	.....	.....
Indian	.....	.....	.....	.....	.....	.....	.....	.....
Silk piece-goods—								
Foreign	.....	.....	.....	.....	.....	.....	.....	.....
Indian	.....	.....	.....	.....	.....	.....	.....	.....
Spices—								
Betel-nuts	.....	876	.....	1,037	876	1,037	.....	161
Pepper	.....	.....	.....	.....	.....	.....	.....	.....
Ginger	.....	.....	.....	.....	.....	.....	.....	.....
Chillies	.....	148	.....	.....	.....	.....	.....	.....
Cardamoms	.....	.....	.....	.....	.....	.....	.....	.....
Others	10	19	.....	.....	177	.....	177	.....
Stone and lime	90	.....	.....	.....	99	.....	99	.....
Sugar—								
Refined or crystalized, including sugar-candy.	5	.....	21	380	76	401	.....	15
Unrefined, viz., mollasses and jaggery or gur, and other saccharine produce.	14	57	.....	.....	.....	.....	.....	.....
Tea—								
Foreign	.....	.....	.....	.....	.....	.....	.....	.....
Indian	.....	.....	.....	.....	.....	.....	.....	.....
Timber	16	5	.....	.....	21	.....	21	.....
Tobacco—								
Unmanufactured	55	31	.....	.....	.....	.....	.....	.....
Manufactured—			31	36	161	67	34	.....
Cigars	.....	.....	.....	.....	.....	.....	.....	.....
Other sorts	15	.....	.....	.....	.....	.....	.....	.....
Wool, raw	.....	.....	.....	.....	.....	.....	.....	.....
Wool, manufactured—								
Piece-goods, European	.....	.....	.....	.....	.....	.....	.....	.....
Ditto, Indian	.....	.....	.....	.....	.....	.....	.....	.....
Shawls	.....	.....	.....	.....	.....	.....	.....	.....
All other articles of merchandise	364	148	434	242	512	676	.....	164
Total	4,054	2,078	3,585	3,785	6,241	7,993	726	2,478

Statement of principal commodities carried on the Bengal Central Railway during the month of December 1893.

DECREASES.		Tons.
Coal and coke	.....	957
No coal was carried for locomotive purposes during this month.		
Jute, raw	.....	400
Jhikargacha, Nawapara, and Khulna show decreases under this head said to be due to the inferior quality of the crop.		
Sugar	.....	325
The Tarpur sugar works have been in difficulties.		

J. SHAW,

for Examiner of Accounts.

CALCUTTA, the 5th March 1894.

[REGISTERED No. 29.]

No. 11 of 1894.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, MARCH 14, 1894.

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Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 10th March, 1894.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.			
BURDWAN DIV.	1. Burdwan Mar. 10, '94	0.18	Weather—seasonable. Potatoes and <i>rabi</i> crops are being harvested. Sugarcane pressing going on. Fodder and water sufficient. Prices of common rice:— Srs. Burdwan ... 13 to 19½ Kalna ... 10 to 14 Katwa ... 14½ Raniganj ... 15½ } per rupee.
	Kalna ...	Nil	
	Katwa ...	0.50	
	Raniganj ...	Nil	
	2. Birblum „ 10, '94	Nil	Disturbed weather in the beginning of the week and oppressively hot; now seasonable. <i>Rabi</i> crops ripe. Sugarcane pressing still going on, but the outturn is reported to be very low and as low as 5 annas in the Rampur Hât subdivision. Price of common rice 12 to 18 seers per rupee. Fodder and water for cattle available.
	Rampur Hât ...	0.07	
	3. Bankura „ 10, '94	0.07	Weather—days hot with cold mornings. Lands are being prepared for the next paddy sowing. Pressing of sugarcane still going. Harvesting of wheat completed. Fodder and water plentiful. Rice sells at— Srs. Sadar ... 17 Vishnupur ... 16½ } per rupee.
	Vishnupur ...	Nil	
	4. Midnapore „ 10, '94	Nil	Weather—seasonable. <i>Rabi</i> crops being gathered. Outturn good. <i>Boro</i> paddy doing well. Prices of common rice:— Srs. Sadar ... 15 Contai ... 16 Tamluk ... Not reported Ghatal ... 14 } per rupee.
	5. Hooghly „ 10, '94	0.13	
	Serampore ...	1.21	
	Jahanabad ...	0.80	
			The rain on Monday (5th) night has much cooled down the atmosphere. Sugarcane is being pressed. <i>Rabi</i> is being harvested. The recent rain will benefit the other crops on the ground. Fodder and water sufficient. Prices of common rice— Srs. Sadar ... 11 to 12 Serampore ... 11½ to 14 Jahanabad ... 14 to 16 } per rupee.
	6. Howrah „ 10, '94	0.69	
	Ulubaria ...	0.03	Weather—seasonable, though occasionally cloudy. <i>Boro</i> rice progressing favourably, though a little more rain would be desirable. Condition of cattle good. Fodder and water-supply sufficient. Price of rice 13 to 14 seers per rupee.
	7. 24 Parganas „ 10, '94	0.49	Weather—seasonable. <i>Boro</i> paddy wants more rain. The outturn of <i>rabi</i> crops is 10 annas. Condition of cattle good. Fodder and water sufficient. Rice sells at— Srs. ch. Sadar ... 10 to 14 0 Barasat ... 11 14 Basirhat ... 13 14½ Diamond Harbour ... 13 2 } per rupee.
	8. Nadia „ 10, '94	0.06	
	Kushtia ...	Nil	
	Meherpur ...	0.13	
PRESIDENCY DIV.	Chudanga ...	0.27	Weather—hot with dry winds. <i>Rabi</i> harvest proceeding satisfactorily. Sugarcane being planted. Preparation of lands progressing, but rain required for tillage. Common rice sells at from 12½ to 13½ seers per rupee. Fodder and water sufficient.
	Ranaghat ...	Nil	
	9. Murshidabad „ 10, '94	0.09	Weather—seasonable. Harvesting of <i>rabi</i> crops going on. Mulberry and indigo promising. Fodder and water sufficient for cattle. Common rice sells at 14 seers per rupee.
	10. Jessore „ 10, '94	0.76	Weather—days hot, nights cool. The rainfall of the week has been beneficial to crops and ploughing. Harvesting of <i>rabi</i> crops going on. Fodder and water sufficient in all subdivisions except Jhenida, where the former is reported to be insufficient and the latter somewhat scarce. Prices of common rice— Srs. Sadar ... 11 Jhenida ... 11½ Magura ... 12 Narail ... 12½ Bangaon ... 10 to 12 } per rupee.
	Jhenida ...	0.37	
	Magura ...	0.30	
	Narail ...	3.17	
	Bangaon ...	0.15	
	11. Khulna „ 10, '94	0.73	Weather—seasonable; there was some rain on Monday (5th). Prospects of <i>boro</i> rice have improved owing to the rain. Land is being prepared for <i>aus</i> rice and <i>til</i> . Price of rice from 11 to 14 seers per rupee. Fodder and water sufficient.
	Bagerhat ...	0.80	
	Satkhira ...	1.08	

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—concl'd.			
RAJSHAHY DIVN.	12 Rajshahi Nator Naugaon Mar. 10, '94	0.25 0.11 Nil	Weather—getting hot and occasionally cloudy. Prospects of existing <i>rabi</i> crops reported to be fair. Harvesting of mustard and pulses in progress. Rain is wanted. Condition of cattle good. No want of fodder and drinking water reported. Price of rice varies from 12 to 16 seers per rupee.
	13 Dinajpur Thakurgaon „ 10, '94	Nil Nil	Weather—warm during day time, but cool at night. Lands are being ploughed for <i>bhadoi</i> crop. Sowing of jute, <i>bhadoi</i> rice and sugarcane going on. Coarse rice selling at from 13 to 15 seers per rupee. No cattle-disease heard of. Supply of fodder and drinking water plentiful.
	14 Jalpaiguri „ 10, '94	Nil	Weather—seasonable. Preparation of lands for <i>bhadoi</i> paddy and jute continues. Harvesting of <i>rabi</i> crops almost completed. Price of common rice unchanged. Fodder and water sufficient.
	15 Darjeeling Siliguri „ 10, '94	0.12 0.16	Weather—bright and cold in the hills, growing warm by day in the Terai. <i>In the hills</i> :—Wheat and barley ripening. <i>Bhutta</i> , <i>phapur</i> and potatoes being planted. Lands being prepared for <i>marua</i> . <i>In the Terai</i> :—Ploughing going on. Prices of coarse rice— Srs. Hills ... 8 to 11 } Terai ... 12 to 13 } per rupee.
	16 Rangpur Kurigaon Gaibanda Nilphamari „ 10, '94	Nil Nil Nil Nil	Weather—getting warmer. Sowings of <i>aus</i> paddy and jute have commenced. Price of rice 11 to 14 seers per rupee.
	17 Bogra Sherpur Naukhila „ 10, '94	Nil Nil 0.36	Weather—seasonable. Lands are being prepared for <i>aus dhan</i> and jute. Prices steady. Fodder and water sufficient.
	18 Pabna „ 10, '94	0.27	Weather—warm and at times cloudy. There was slight rain at Sadar, but none at Sirajganj. Some rain is needed for <i>rabi</i> crops and sowing of <i>aus</i> . Price of common rice Rs. 3-4 to Rs. 3-8 per maund at Sirajganj and 11½ seers per rupee at Sadar; that of jute varies from Rs. 5-8 to Rs. 6 per maund. Fodder and water-supply sufficient.
	19 Dacca „ 10, '94	0.71	Weather—seasonable, but sometimes cloudy and rainy. The recent rain has done much good to the standing crops. Ploughing for sowing of rice and jute going on. Common rice selling at from 8 to 12 seers per rupee. Fodder available. There is want of drinking water in many places. No cattle-disease.
DACCA DIVN.	20 Mymensingh „ 10, '94	Nil	Weather—warm in the day time. Prospects of standing crops good. Lands are being cultivated for <i>aus</i> paddy and jute. Common rice sells at 10 seers per rupee. Good drinking water is available except in some places in the Kishorganj subdivision. Fodder available.
	21 Faridpur Goalundo Madaripur „ 10, '94	0.21 0.35 5.05	Weather—seasonable. The copious rain at Madaripur has done much good to the crops. More rain is wanted at the Sadar, where the prospect of crops is not very favourable. Harvesting of <i>rabi</i> crops in Goalundo going on. Lands are being cultivated for sowing of <i>dhan</i> . Common rice selling as follows:— Srs. Sadar ... 11½ } Goalundo ... 12 } per rupee. Madaripur ... 13 }
	22 Backergunge Pirojpur Bhola Patuakhali „ 10, '94	2.08 0.62 5.25 2.43	No cattle-disease reported. No want of fodder or water. Weather—seasonable. State and prospects of crops fair. Common rice sells at from 10 to 13 seers per rupee. Fodder and water sufficient. Water for drinking and domestic purposes rather scarce in some parts of Sarupkati thana and Nazirpur outpost in Pirojpur subdivision.
CHITTAGONG DIVN.	23 Tippera „ 10, '94	1.55	Weather—cool after the recent rain; apparently set fair. Crops and prospects much improved by recent rain. No cattle-disease. Fodder sufficient. Price of rice stationary.
	24 Noakhali „ 10, '94	0.26	Weather—cloudy and stormy. <i>Rabi</i> crops damaged by excessive rain. Ploughing for <i>aus</i> crop going on. Water and fodder sufficient. No cattle-disease. Price of common rice varies from 11 to 12 seers per rupee.
	25 Chittagong „ 10, '94	7.42	Weather—unsettled and rainy; fine since yesterday (9th). Standing crops damaged to some extent by the rain and hail-storm. Prices steady. Water and fodder sufficient.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.																
BIHAR.																			
26	Patna Mar. 10, '94	0.03	Weather—getting hot; west wind blowing. <i>Rabi</i> crops are nearly all harvested, and a good outturn has been obtained. Collection of opium is in progress. Slight damage (about 2 annas) from blight is reported, but the season on the whole promises to be a good one. Prices of common rice—																
	Bihar ...	Nil																	
	Barh ...	0.21																	
			<table> <tr> <td></td><td></td><td></td><td>Srs.</td></tr> <tr> <td>Sadar</td><td>...</td><td>...</td><td>17</td></tr> <tr> <td>Barh</td><td>...</td><td>...</td><td>14½</td></tr> <tr> <td>Bihar</td><td>...</td><td>...</td><td>19</td></tr> </table> } per rupee.				Srs.	Sadar	17	Barh	14½	Bihar	19
			Srs.																
Sadar	17																
Barh	14½																
Bihar	19																
27	Gaya „ 10, '94	Nil	Weather—growing hot with high west winds in the beginning of the week. Harvesting of <i>rabi</i> crops progressing. Pressing of sugarcane almost finished. Collection of opium in progress; yield reported to be inferior in Tehta sub-agency and satisfactory in Gaya. Common rice sells at from 14 to 19 seers per rupee. Fodder and water-supply ample.																
	Jahannabad ...	0.02																	
	Aurangabad ...	Nil																	
	Nawada ...	Nil																	
28	Shahabad „ 10, '94	Nil	Weather—seasonable with strong west winds. Harvesting of <i>rabi</i> crops in progress. Sugarcane being planted. The yield of the poppy crop is less than what was expected.																
	Buxar ...	0.09																	
	Bhabhua ...	0.10																	
	Sasaram ...	Nil																	
29	Saran „ 10, '94	Nil	Weather—seasonable with occasional strong west winds. Standing crops all doing well except poppy which is not quite so good in Sadar subdivision as before, while in Siwan sub-agency four annas destroyed by damp weather. A slight fall of hail in Gopalganj, but had caused no harm. Fodder and water plentiful. Prices of common rice—																
	Siwan ...	Nil																	
	Gopalganj ...	0.13																	
			<table> <tr> <td></td><td></td><td></td><td>Srs. c.</td></tr> <tr> <td>Chapra</td><td>...</td><td>...</td><td>14 8</td></tr> <tr> <td>Siwan</td><td>...</td><td>...</td><td>13 8</td></tr> <tr> <td>Gopalganj</td><td>...</td><td>...</td><td>14 9</td></tr> </table> } per rupee.				Srs. c.	Chapra	14 8	Siwan	13 8	Gopalganj	14 9
			Srs. c.																
Chapra	14 8																
Siwan	13 8																
Gopalganj	14 9																
30	Champaran „ 10, '94	0.6	West wind prevails during days; nights cool. Mustard being reaped. Other <i>rabi</i> crops ripening. Opium collection continues with good yield. Weather favourable to the standing crops. Prices of food-grains stationary.																
31	Muzaffarpur „ 10, '94	Nil	Weather—clear with westerly wind. Prospects of <i>rabi</i> crops good. Blight prevails throughout the district attacking the small and backward poppy plants and interfering with the flow of juice in the more forward plants. Mustard has suffered severely from blight, and in places will almost come to nothing. Health of cattle good. Fodder and water sufficient.																
	Hajipur ...	Nil																	
	Sitamarhi ...	0.04																	
32	Darbhanga „ 10, '94	Nil	West winds prevailing; days getting warm. <i>Rabi</i> crops approaching maturity. Prospects continue favourable. Harvesting of mustard is nearly over. Extraction of opium going on. Blight has occurred throughout the district. Pressing of sugarcane in progress. Fodder and water for cattle sufficient. Prices rising.																
33	Monghyr „ 10, '94	Nil	Weather—getting warm. <i>Rabi</i> is being harvested; outturn estimated at from 10 to 12 annas. Condition of standing crops good. Lancing of poppy capsules going on. <i>Keras</i> and oilseeds are being harvested. No cattle-disease reported. Fodder and water-supply sufficient. Prices of common rice—																
	Begusarai ...	Nil																	
	Jamui ...	Nil																	
			<table> <tr> <td></td><td></td><td></td><td>Srs.</td></tr> <tr> <td>Sadar</td><td>...</td><td>...</td><td>14 to 17</td></tr> <tr> <td>Begusarai</td><td>...</td><td>...</td><td>15</td></tr> <tr> <td>Jamui</td><td>...</td><td>...</td><td>15</td></tr> </table> } per rupee.				Srs.	Sadar	14 to 17	Begusarai	15	Jamui	15
			Srs.																
Sadar	14 to 17																
Begusarai	15																
Jamui	15																
34	Bhagalpur „ 10, '94	Nil	Weather—hot days with strong west winds, cool at night. Prospects of crops continue good. Prices of common rice 16 seers 6 chitaks per rupee.																
	Banka ...	Nil																	
	Madhipura ...	Nil																	
	Supaul ...	Nil	Weather—getting hot; strong west winds at noon. Harvesting of mustard and tobacco is over. The outturn has been satisfactory. Other <i>rabi</i> crops doing fairly well. Ploughing for <i>bhadoi</i> still continues. No cattle-disease. Water and fodder for cattle sufficient. Price of rice from 15 to 18 seers per rupee.																
35	Purnea „ 10, '94	Nil																	
	Kishanganj ...	Nil																	
	Araria ...	Nil																	

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.															
BIHAR—concl'd.																		
BHAGALPUR DIVN.—swadd.	36 Maida Mar. 10, '94	Nil	Weather—days hot; nights cool. Transplanting of <i>boro</i> rice still going on. <i>Rabi</i> crops coming into maturity. Lands being prepared for <i>bhadoi</i> crops. Ordinary rice selling at from 13 to 19½ seers per rupee. Fodder and drinking water sufficient.															
	37 Sonthal Parganas „ 10, '94	0·03	Weather—seasonable. <i>Rabi</i> crops doing well. Wheat and barley being cut in parts. <i>Boro</i> being sown in Rajmahal. Fodder and water sufficient. Price of common rice 13 to 18 seers per rupee.															
	Deoghur ...	0·08																
	Godda ...	Nil																
	Jamtara ...	0·05																
	Pakur ...	Nil																
Rajmahal ...	Nil																	
ORISSA.																		
ORISSA DIVN.	38 Cuttack „ 9, '94	0·17	Weather—hot. Tobacco attaining maturity. <i>Dalua</i> and <i>jhain moong</i> doing well. Common rice sells at— <table><tr><td></td><td>Srs. c.</td><td>Srs. c.</td></tr><tr><td>Sadar</td><td>10 8 to 16</td><td>7</td></tr><tr><td>Jajpur</td><td>14 8 to 17</td><td>2</td></tr><tr><td>Kendrapara</td><td>14 8 to 19</td><td>0</td></tr><tr><td>Banki</td><td>17 10</td><td></td></tr></table> per rupee.		Srs. c.	Srs. c.	Sadar	10 8 to 16	7	Jajpur	14 8 to 17	2	Kendrapara	14 8 to 19	0	Banki	17 10	
		Srs. c.	Srs. c.															
	Sadar	10 8 to 16	7															
Jajpur	14 8 to 17	2																
Kendrapara	14 8 to 19	0																
Banki	17 10																	
39 Balasore „ 10, '94	0·09	Weather—cooler than last week. Ploughing retarded for want of rain. Price of coarse rice 18 seers per rupee.																
40 Puri „ 8, '94	Nil	Weather—seasonable. <i>Dalua</i> rice is thriving. Miscellaneous crops doing well. Cattle-disease reported from the interior. Price of common rice stationary.																
Khurda ...	0·02																	
CHOTA NAGPUR.																		
South-West Frontier Agency.																		
CHOTA NAGPUR DIVN.	41 Hazaribagh Mar. 10, '94	Nil	Weather—seasonable. Fields are still being ploughed for sugarcane. <i>Mahua</i> in flowers. <i>Rabi</i> doing well. About 8 annas of opium gathered; exudation of juice reported not very free.															
	Giridi ...	Nil																
	42 Lohardaga „ 10, '94	Nil	Weather—seasonable. Ploughing continues. Prospect of wheat and barley continues favourable. Common rice selling at 16 seers per rupee. Fodder and water plentiful.															
	43 Palamau „ 9, '94	Nil	Weather was cloudy and a little rain fell in some parts, but it has now cleared away, and the days are getting sensibly hotter. <i>Rabi</i> crops are being cut with a fair outturn. Rice selling at from 15 to 18 seers per rupee. Water-supply sufficient. Fodder is getting scantier as usual at this time of year.															
	44 Manbhum „ 10, '94	Nil	Weather—mornings and evenings still cool. There is very little on ground now. Prospect of <i>mahua</i> so far good. Rice selling at from 12 to 18 seers per rupee.															
Gobindpur ...	Nil																	
45 Singhbhum „ 10, '94	0·03	Traces of rain only. The weather, however, becomes cloudy daily in the afternoon. Gram, <i>masuri</i> , cotton, <i>rahar</i> and wheat are being harvested with an outturn from 12 to 16 annas, except in the Kolhan, where it is estimated at 8 annas. No cattle-disease reported this week. Prices of common rice from 10 to 16 seers per rupee.																

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 13th March, 1894.

C. E. BUCKLAND,
Secy. to the Govt. of Bengal.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

STOCK IN HAND AS COMPILED ON—													
NAMES OF MARKETS.	1st week of March 1893.	1st week of April 1893.	1st week of May 1893.	1st week of June 1893.	1st week of July 1893.	1st week of August 1893.	1st week of Sept. 1893.	1st week of Oct. 1893.	1st week of Nov. 1893.	1st week of Dec. 1893.	1st week of Jan. 1894.	1st week of Feb. 1894.	1st week of March 1894.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Baliachata	6,19,000	9,04,000	15,32,000	11,73,000	10,31,000	8,86,000	8,67,000	7,10,500	4,83,000	4,11,000	3,19,000	6,07,000	6,08,000
Uttadanga	92,500	1,06,500	1,15,000	1,17,500	1,19,700	1,09,400	65,000	61,300	53,300	45,400	42,000	53,700	54,900
Chitpur, Golabaree, Kunar- goody, Hakholia, and Oulpi Ghat.	6,54,600	6,46,600	6,43,000	6,06,000	6,65,300	6,64,900	6,84,500	7,06,700	6,25,600	4,77,000	6,42,100	5,60,600	6,43,800
Pathurachatta, Posta, and Jorabagan.	3,500	3,000	2,000	2,500	3,000	2,000	2,500	3,000	2,000	1,500	2,000	2,500	2,000
Tollygunge, Chetla, Kidderpore, and Munshiganj.	1,46,400	1,56,700	1,55,300	1,70,200	1,53,300	1,31,800	1,21,000	1,17,600	1,06,000	97,600	1,10,300	1,23,900	1,34,300
21 Minor bazars (estimated)...	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 3,129 in number (estimated)...	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000
Baidyabati, Nowabganj, Bha- dreshwar, and Chandernagore.	76,380	6,022	5,319	42,577	28,275	43,300	26,750	10,844	17,344	19,256	17,637	19,138	41,875
Total	20,89,280	23,13,402	27,42,619	26,61,777	24,90,575	23,27,400	22,57,650	20,39,944	17,77,244	15,41,756	16,23,057	18,62,838	20,39,875
On Railway premises on both sides of the river.	22,643 (on 3rd March 1893.)	23,773 (on 3rd April 1893.)	10,934 (on 3rd May 1893.)	11,512 (on 3rd June 1893.)	8,865 (on 3rd July 1893.)	12,897 (on 3rd Aug. 1893.)	18,819 (on 3rd Sept. 1893.)	25,127 (on 3rd Oct. 1893.)	8,583 (on 3rd Nov. 1893.)	19,289 (on 3rd Dec. 1893.)	42,934 (on 3rd Jan. 1894.)	38,003 (on 3rd Feb. 1894.)	21,855 (on 3rd March 1894.)
On boats un- loaded ...	41,298 (1st to 3rd March 1893.)	25,729 (1st to 3rd April 1893.)	21,378 (1st to 3rd May 1893.)	19,601 (1st to 3rd June 1893.)	13,314 (1st to 3rd July 1893.)	56,451 (1st to 3rd August 1893.)	23,091 (1st to 3rd Sept. 1893.)	36,729 (1st to 3rd Oct. 1893.)	32,806 (1st to 3rd Nov. 1893.)	35,114 (1st to 3rd Dec. 1893.)	50,535 (3rd to 5th Jan. 1894.)	64,953 (1st to 3rd Feb. 1894.)	49,079 (1st to 3rd March 1894.)
By Canal returns	1,99,575 (1st to 3rd March 1893.)	76,791 (1st to 3rd April 1893.)	34,169 (1st to 3rd May 1893.)	7,615 (1st to 3rd June 1893.)	14,625 (1st to 3rd July 1893.)	19,787 (1st to 3rd August 1893.)	31,941 (1st to 3rd Sept. 1893.)	34,228 (1st to 3rd Oct. 1893.)	13,381 (1st to 3rd Nov. 1893.)	11,339 (1st to 3rd Dec. 1893.)	51,134 (3rd to 5th Jan. 1894.)	1,35,369 (1st to 3rd Feb. 1894.)	66,413 (1st to 3rd March 1894.)
Grand total of Stocks	29,92,796	34,39,746	28,09,100	27,00,505	25,27,379	24,16,535	23,31,501	21,64,901	18,82,974	16,07,489	17,67,790	21,01,166	21,77,192
Probable stock available for exportation by sea.	13 lakhs	13½ lakhs	17½ lakhs	16½ lakhs	14½ lakhs	13½ lakhs	12½ lakhs	11 lakhs	7½ lakhs	5½ lakhs	7 lakhs	10½ lakhs	11½ lakhs

STATISTICAL DEPARTMENT,
The 12th March, 1894.

C. E. BUCKLAND,
Secy. to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office. Chowringhee, from 4th to 10th March 1894

MONTH.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	TEMPERATURE.						HYGROMETRY.			Rainfall, past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
March	4th	29.793	84.6	95.0	20.9	74.1	86.2	75.1	.723	69.5	58	Nil
"	5th	.727	83.9	93.0	18.2	74.8	85.6	78.0	.858	74.6	70	...
"	6th	.799	76.9	84.9	16.0	68.9	80.1	64.6	.403	53.0	40	0.54
"	7th	.860	79.6	86.4	13.6	72.8	77.6	68.6	.580	63.1	61	...
"	8th	.897	79.0	89.0	20.1	68.9	82.1	65.1	.393	52.2	36	...
"	9th	.945	76.2	91.5	30.6	60.9	83.6	63.6	.322	46.9	28	...
"	10th	.912	78.2	89.0	21.7	67.3	81.4	74.5	.762	71.1	71	...

									Inches.
The mean 10 A.M. pressure of the seven days									29.848
									°
The mean temperature of the seven days									79.8
The extreme variation of temperature									34.1
The maximum temperature									95.0
									%
The mean 10 A.M. relative humidity of the seven days									52
									Inch.
The total fall of rain from 4th to 10th March 1894									0.54
The daily mean temperatures are the crude means of maximum and minimum temperatures.									

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,
The 12th March 1894.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS
TAKEN IN ASSAM, FOR THE MONTH OF FEBRUARY 1894.**

The most important features in the meteorology of Bengal and Assam in February have been :—

1. The mean pressure for the month has been in very slight excess of the normal except perhaps at two or three stations in South-East Bengal. In the great majority of cases the excess has been small, varying between 0·01" and 0·02", and it appears to have been fairly equally distributed over the provinces of Bengal and Assam. So far, however, as can be judged from the readings of Darjeeling, it would appear that the excess pressure has been largest in the upper strata of the atmosphere, for at that station the excess has equalled 0·058".

2. Temperature has been in excess of the normal practically throughout the month, and the average mean temperature for the period has been in excess by from about 4° in the North and North-East of Bengal and in the neighbouring parts of Assam to about 1° to 2° in South Bengal and Orissa. In the east of Assam the excess has equalled rather less than 3°. For the whole of Bengal the excess has averaged 3·1°, while in Assam the excess has been 3·5°.

3. Humidity has on the whole been very decidedly larger than usual, for excess amounts (ranging up to 25 per cent. of saturation more than usual at Gaya) have been registered at more than three-fourths of the stations in Bengal and Assam. Indeed, in Assam every station reports humidity higher than usual. The few stations which report slightly defective humidities are in Orissa and parts of South-West Bengal.

4. Cloud proportion has been higher than usual at practically all stations, and the excess over certain districts of Bihar, Chota Nagpur and East Bengal has been large.

5. The prevalent wind direction has been westerly in the west of the province, north-westerly in the central and southern portions, and northerly and north-easterly at the eastern stations. In Assam winds have been variable, as a general north-easterly wind has been reported at Sibsagar and a south-westerly wind at Silchar.

6. The number of barometric depressions coming from Western and North-Western India and affecting Bengal in February has been small, and those which have occurred have been of comparatively little importance. A feeble depression affected the province and gave rain in Bihar and North Bengal on the 2nd and 3rd. A second depression coming from Western India affected Bengal on the 8th, 9th and 10th, and again gave moderate rain in Bihar. Later on a feeble low-pressure area was formed over Bengal, and conditions became disturbed, and during the week ending the 24th rather numerous local storms occurred, most of them of the ordinary hot-weather type, which gave light to moderate rain over the greater part of the province of Bengal (except Orissa) and also in Assam. These disturbed conditions continued in East and North Bengal, and in parts of Chota Nagpur till the close of the month, but in other districts the disturbances ceased from about the 24th.

7. Owing to the disturbances being smaller in number and less influential than usual, rainfall has been smaller than the normal in all divisions of Bengal except Bihar and Chota Nagpur. The average falls have indeed in all cases been less than an inch, and in Orissa and South-West Bengal they have been particularly defective.

Meteorology of the month.—At the close of January weather was of ordinary north-east monsoon character over Bengal, but on February 1st a feeble form of barometric disturbance was advancing across Central India in an easterly direction, and on the 2nd light showers began to be reported in Bihar. On the 3rd the disturbance had apparently moved again in an easterly direction and rain extended from Bihar to North Bengal, while at Gnatong a rather heavy snow-storm was reported. In the rear of the disturbance, however, pressure rose rapidly, and weather again became fine and settled for some days, while temperature generally fell rather rapidly.

On the 6th weather continued settled in Bengal and temperature was still falling, but over Western and North-Western India conditions had become decidedly unsettled, and a shallow storm was shown over the Western Desert, Guzerat and the North Konkan. On the 7th this barometric depression had drifted slowly in an easterly direction, and the centre was near Khandeish. Pressure, however, was rising in Bengal, but the effect of the advancing depression was shown in the rather rapid increase of temperature, which was reported on this day, and at several of the western stations the mean temperature was 5° and 6° higher than the normal. On the 8th the shallow depression had filled up to a considerable extent, and had again moved in an easterly direction, and was lying over the west of the Central Provinces. It was, however, sufficiently near to affect Bengal considerably, and numerous rain showers were reported in Bihar on the morning of the 8th, while temperature had again risen rapidly, the increase in the mean temperature at several stations equalling about 5°. Owing to the filling up of the depression, however, pressure was increasing in Bengal on this day. On the 9th the depression had apparently again advanced in an easterly direction, but it was very slight and scarcely traceable. The pressure changes in Bengal were irregular, while temperature had again risen except at some of the western stations, and had become above the normal by about 5° over a large part of the Province. Rain was again reported over a

considerable part of Bihar on the morning of the 9th, showing the continued influence of the depression. On the 10th the depression was over Bengal, and at many stations in the centre and north-east of the Province a fall of pressure exceeding a tenth of an inch was reported, but the wind system was very little influenced by the depression, and the position of its centre can scarcely be stated. Temperature continued unusually high in connection with the depression, and was from about 4° to 8° in excess. A few showers were also reported from Bihar on this day.

From the 11th the depression had entirely passed away from Bengal and a period of fine settled weather commenced, which lasted only up till the 17th, when owing to a continued fall of pressure, an area of comparatively low pressure almost amounting to a feeble barometric depression, existed over all districts of Bengal except Bihar and Chota Nagpur. With this pressure distribution winds became southerly over the southern half of the Province, bringing up much moisture and causing temperature to become very largely above the normal. On the 18th the feeble depression had slightly intensified and had moved in an easterly direction, and for several days pressure conditions were very unusual. Accompanying this depression a period of disturbance set in which continued for several days, and in most districts from about the 18th to the 24th and up till the close of the month in East and North Bengal, local storms with rain were numerous. Hence during the last ten days of the month weather was more of hot-season type with moist southerly winds, nor' westers, and high temperature, etc., in many districts, rather than of ordinary north-east monsoon type.

Pressure.—The mean pressure for the month has varied from 30·027 inches at Sibsaagar and about 30 inches in the west of Bihar to 29·97 inches in Orissa, so that the differences of pressure have been slight only. Pressure for the month has been above the normal by from about 0·01 inch to 0·02 inch at the great majority of stations, but very slightly defective pressures have been registered at Dacca, Burrisal and Noakhali. The largest excess has been 0·058 inch at Darjeeling, pointing probably to the fact that the excess pressure has been to a great extent confined to the upper layers of the temperature.

Temperature.—The mean for the month in Bengal and Assam has been between 3° and 3·5° above the normal for the period. The major part of this excess has been experienced in the night, or minimum, temperatures, which have been in excess by from nearly 7° at Motihari to about 1° to 2° in the extreme south of Bengal. In the maximum, or day, temperature the excess has varied from between 1° and 2° in South Bengal and over a large part of Bihar to about 3° in the centre and north-east of the province.

The following table shows the variation of the average maximum, minimum and mean temperature, week by week, during February at nine typical stations in the Province from the normal values for the same period, and in this table the unusually large excess in the night temperature will again be seen:—

STATIONS.	WEEK ENDING 3RD FEBRUARY 1894.			WEEK ENDING 10TH FEBRUARY 1894.			WEEK ENDING 17TH FEBRUARY 1894.			WEEK ENDING 24TH FEB- RUARY 1894.			WEEK ENDING 3RD MARCH 1894.		
	Variation of actual mean maxi- mum temperature of week from normal mean.	Variation of actual mean mini- mum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maxi- mum temperature of week from normal mean.	Variation of actual mean mini- mum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maxi- mum temperature of week from normal mean.	Variation of actual mean mini- mum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maxi- mum temperature of week from normal mean.	Variation of actual mean mini- mum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maxi- mum temperature of week from normal mean.	Variation of actual mean mini- mum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.
Cuttack ...	+3·1	+2·6	+2·7	+0·6	+1·3	+1·0	+3·6	+1·1	+2·3	+2·0	+2·1	+2·1	—0·4	+1·5	+0·5
Calcutta ...	+1·9	+0·3	+1·2	+0·9	+0·7	+0·8	+4·0	+2·2	+3·1	+2·8	+3·3	+3·1	+0·7	+3·0	+1·9
Dacca ...	+1·3	+0·9	+1·1	+2·3	+3·1	+2·7	+4·7	+5·6	+5·2	+4·1	+4·3	+4·2	—3·1	+1·7	—0·7
Burdwan ...	+1·9	+0·4	+1·1	+0·5	+3·0	+1·8	+3·4	+2·6	+3·1	+0·8	+4·2	+2·5	—0·3	+3·3	+1·6
Patna ...	—0·1	+3·5	+1·7	—3·1	+6·3	+1·7	+2·4	+5·7	+4·1	+1·7	+5·3	+3·5	—1·1	—3·4	—2·3
Gaya ...	+1·5	+1·0	+1·3	—0·5	+3·8	+1·7	+3·8	+2·6	+2·8	+1·4	+2·1	+1·7	—5·1	+2·0	+0·5
Purnea ...	—0·1	+2·7	+1·4	—0·3	+6·7	+3·2	+3·6	+5·9	+4·8	+2·4	+5·8	+4·1	—0·1	+3·9	—0·5
Hazaribagh ...	+3·6	+1·4	+2·5	+2·6	+2·2	+2·5	+5·4	+3·1	+4·2	+1·4	+5·1	+2·2	—0·1	+2·1	+1·0
Darjeeling ...	—0·7	+2·0	+0·7	+4·6	+6·8	+5·7	+8·6	+7·4	+8·0	+3·9	+3·7	+3·3	—4·1	—1·3	—2·7

Rainfall.—The average falls in the different divisions have been small. East Bengal, Chota Nagpur, Bihar and South-West Bengal have received falls between half and one inch, North Bengal about a third of an inch, and Orissa only about a sixth of an inch. The falls in Chota Nagpur and Bihar have been heavier than usual in February, and those in East Bengal only slightly below the normal. In North Bengal the defect has been large, and in South-West Bengal and Orissa very large.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the month of February 1894:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.						
	Highest observed during month.	Lowest observed during month.	Averages for month.			Average mean of month above or below normal mean of month.	Of month.			Rainy days.			Since 16th Oct. 1893.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in month.	Normal average number in month.	Variation.	Average.	Normal average.
South-West Benga	97·3	47·2	84·5	61·1	72·8	+2·5	0·58	1·05	—0·47	1·30	1·69	—0·39	2·70	3·76
North Bengal	89·2	50·4	81·2	57·1	69·1	+4·3	0·37	0·58	—0·21	1·04	1·26	—0·22	3·52	2·81
East Bengal	90·6	49·1	83·0	60·1	71·6	+3·3	0·90	1·03	—0·13	1·80	1·67	+0·13	5·02	4·79
Bihar	91·4	45·5	79·5	57·5	68·5	+3·2	0·70	0·43	+0·27	1·71	1·10	+0·61	5·10	2·30
Orissa	98·2	55·5	86·3	66·2	76·2	+1·9	0·17	0·91	—0·74	0·47	1·47	—1·00	5·41	5·66
Chota Nagpur*	96·0	50·2	82·7	57·9	70·3	+3·3	0·74	0·67	+0·07	1·82	1·33	+0·49	3·83	2·75
Assam	87·5	49·2	80·2	57·6	68·9	+3·5								

* Daltonganj not included.

METEOROLOGICAL OFFICE, BENGAL,
The 13th March 1894.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY,
THE 10TH OF MARCH 1894.**

DURING almost the whole of the previous week conditions had been rather disturbed in Bengal, and numerous local storms had occurred. On the 4th instant, or the first day of the week under review, pressure was rising slowly over the province, the rise being rather brisk at the northern and north-eastern stations, and though pressure was still largely in defect, conditions became somewhat more settled, and only a few local storms were reported in East Bengal. On the 5th pressure fell briskly, particularly in South-West Bengal and Orissa, and the depression over Bengal increased in depth, the defect at many stations exceeding 0.25". A few local storms were again reported on the 5th, but on the 6th they had become decidedly more numerous, and had extended over a large part of South-West Bengal, where pressure had risen on this date, though it was still falling in the north and east of the province. On the 7th the depression which had so long existed over Bengal began to fill up, and pressure increased by amounts varying up to nearly a fifth of an inch at some of the stations in North Bengal, and this increase continued, but to a very small extent on the 8th, when pressure was still in defect over a large part of the province by nearly a tenth of an inch. Up to this date local storms continued to be reported in the eastern districts, but elsewhere it was fine. On the 9th pressure continued to increase in Bengal, and an extension of westerly and north-westerly winds took place and weather became much more settled, but on the 11th pressure was commencing to fall, and was again in slight to moderate defect, and moist southerly winds were setting in from the Bay over the southern portion of Bengal, so that conditions were again becoming more favourable for interaction and for the production of local storms. For the greater part of the week therefore it will be seen a distinct barometric depression has existed over Bengal and has given slightly disturbed weather, so that local storms have again occurred, and as usual these have been most numerous and have given the heaviest rainfall in the eastern districts.

Pressure—Has been largely below the normal in all districts, the average defect for the week equalling from 0.14" to 0.16."

Temperature.—The mean temperature of the whole province has been 1.2° above the normal, but the excess has been rather unequally distributed, and in Orissa it has equalled 3.1°, while in South-West Bengal and Chota Nagpur it has been between 1.5° and 2.5°.

The actual temperatures registered during the week, and their variations from the normal temperature for the present season, are most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the week at nine typical stations in the Province are compared with the normal values for the same period. The day or maximum readings for the week have indeed shown a slightly lower temperature than usual, and the defect at the nine stations in the maximum or day temperature has equalled 1.3°, while in the night or minimum temperature the excess has averaged 1.2°:—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending Saturday, the 10th of March 1894.

	Normal mean maximum temperature for the week ending 10th March.	Actual mean maximum temperature for the week ending 10th March 1894.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 10th March.	Actual mean minimum temperature for the week ending 10th March 1894.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 10th March.	Actual mean daily temperature for the week ending 10th March 1894.	Variation of actual mean from the normal.
Cuttack	95.3	96.8	+1.5	70.1	73.6	+3.5	82.7	85.2	+2.5
Calcutta	88.6	89.0	+0.4	66.6	69.5	+2.9	77.6	79.3	+1.7
Chittagong	86.2	81.3	-4.9	65.1	67.2	+2.1	75.7	74.3	-1.4
Burdwan	90.6	90.9	+0.3	64.9	67.6	+2.7	77.8	79.2	+1.4
Patna	87.1	84.0	-3.1	59.9	59.0	-0.9	73.5	72.5	-1.0
Gaya	89.0	87.0	-2.0	62.5	62.2	-0.3	76.1	75.1	-1.0
Purnea	87.3	85.0	-2.3	56.7	57.7	+1.0	72.0	71.4	-0.6
Hazaribagh	84.6	84.8	+0.2	60.5	62.2	+1.7	73.6	73.5	-0.1
Darjeeling	55.8	51.5	-4.3	41.3	38.9	-2.4	48.6	45.2	-3.4

Rainfall.—East Bengal has received an average fall of 1.73 inches or nearly five-times as much as usual, and South-West Bengal has received an average fall of 0.34 inch or slightly more than the usual amount. In all other cases, except Orissa, the falls have been very small, but Orissa has received an average of a fifth of an inch or nearly the normal amount for the week. Elsewhere the falls have been so small as to have been of no importance.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 10th of March 1894:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 16th Oct. 1892.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
South-West Bengal ...	100.3	56.5	90.6	68.1	79.4	+2.2	0.34	0.26	+0.08	0.59	0.49	+0.10	0.43	0.50	3.05	4.67
North Bengal ...	91.7	51.6	85.4	59.5	72.4	+0.3	0.03	0.18	-0.15	0.09	0.34	-0.25	0.19	0.29	3.70	3.33
East Bengal ...	88.7	55.8	83.7	66.8	75.3	+1.1	1.73	0.47	+1.26	1.76	0.67	+1.09	4.23	0.81	9.34	5.92
Bihar ...	93.1	49.9	86.2	59.9	73.2	+0.3	0.02	0.15	-0.13	0.05	0.31	-0.26	0.10	0.19	5.00	2.70
Orissa ...	101.2	62.1	89.8	73.9	81.8	+3.1	0.20	0.28	-0.08	0.47	0.47	0	0.20	0.36	5.90	6.36
Coota Nagpur* ...	89.2	58.0	84.7	61.7	73.2	+1.5	Nil	0.32	-0.32	0.00	0.66	-0.66	0.03	0.43	3.92	3.44

* Daltongunj not included.

METEOROLOGICAL OFFICE, BENGAL,
The 13th March 1894.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Vital Statistics of Towns in Bengal with a population of 20,000 and over during the month of January 1894.

DISTRICTS.	TOWNS.*	DEATHS.										REMARKS.													
		BIRTHS.				CHOLERA.				SMALL-POX.			FEVER.		DYSENTERY AND DIARRHEA.		INJURY.		OTHER CAUSES.		TOTAL OF ALL CAUSES.		AVERAGE OF CORRESPONDING MONTHS OF PREVIOUS FIVE YEARS.*		
		Number registered.	Ratio per 1,000 of population.	Number registered.	Ratio per 1,000 of population.	Number registered.	Ratio per 1,000 of population.	Number registered.	Ratio per 1,000 of population.	Number registered.	Ratio per 1,000 of population.		Number registered.	Ratio per 1,000 of population.	Number registered.	Ratio per 1,000 of population.	Number registered.	Ratio per 1,000 of population.	Number registered.	Ratio per 1,000 of population.	Number registered.	Ratio per 1,000 of population.	Number registered.	Ratio per 1,000 of population.	Number registered.	Ratio per 1,000 of population.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
Burdwan	Burdwan	34,477	77	26.76	39	13.56	...	...	101	34.04	29	10.08	...	...	33	7.92	193	66.72	110	38.98	...	...	...	...	...
Midnapore	Midnapore	32,314	71	26.40	22	8.16	...	...	49	18.12	23	8.52	...	...	25	9.24	119	44.16	75	27.84	...	...	...	...	...
Hoochly	Hoochly and Chinsura	33,060	100	36.24	14	5.04	...	...	73	26.40	41	14.88	...	...	36	12.96	163	59.88	122	46.98	...	...	...	...	...
Howrah	Howrah	32,932	80	26.64	4	1.32	...	...	9	32.28	58	19.32	...	...	3	2.96	171	57.00	108	36.60	...	...	...	...	...
	Chinsura	110,666	181	18.60	63	6.56	...	...	79	8.04	107	10.92	...	...	35	5.60	257	29.52	227	23.28	...	...	...	...	...
	Chitpur																				...	...	...	...	...
	Maniktaba																				...	...	...	...	...
	South Suburban																				...	...	...	...	...
	Kharda or South Bar																				...	...	...	...	...
	Barackpore.																				...	...	...	...	...
	Naihati																				...	...	...	...	...
	Navabnagar or North																				...	...	...	...	...
	Barackpore.																				...	...	...	...	...
Calcutta	Calcutta	25,500	70	32.58	...	5.40	...	...	87	40.92	...	...	...	...	...	1.32	93	43.20	83	24.56	...	...	...	...	...
Nadia	Krishnagar	30,437	93	36.60	14	5.40	...	...	115	45.24	...	...	...	...	...	3.36	131	51.60	43	16.44	...	...	...	...	...
Murshidabad	Saframpur	33,576	69	25.16	1	2.4	...	...	107	36.00	...	...	...	...	...	3.96	137	49.72	109	36.72	...	...	...	...	...
Rajshahi	Murshidabad City	23,515	60	20.40	...	...	...	...	23	5.00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna	Berhampur	21,407	40	25.68	...	4.8	...	...	64	35.76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Rampur Bonalia	22,367	46	25.20	...	...	...	...	122	55.68	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong	Dacca	89,321	201	29.28	13	1.80	...	...	22	2.76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chittagong	24,069	33	16.44	...	4.95	...	...	203	84.68	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna	Patna City	165,192	402	29.16	...	1.2	...	...	69	42.88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bihar	47,733	194	48.72	...	...	...	...	54	14.52	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gaya	Dinapore	44,419	120	32.40	...	5.6	...	...	164	34.48	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shahabad	Gaya	80,383	195	29.16	...	...	...	...	61	16.08	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Arrah	44,935	139	35.52	...	...	...	...	58	26.00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sasaram	22,713	91	48.00	...	...	...	...	38	17.28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chhapra	23,789	133	35.68	...	...	...	...	41	18.56	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bettiah	23,789	66	31.28	...	...	...	...	48	21.12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muzaffarpur	40,182	171	42.36	...	...	...	...	138	34.32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Darbhanga	79,561	231	37.68	...	...	...	...	168	26.72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Monghyr	37,077	230	36.40	...	...	...	...	168	26.72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bhagalpur	61,168	235	39.60	...	...	...	...	107	18.48	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Patna	43,106	81	20.52	...	...	...	...	34	8.64	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Patna	20,775	45	22.48	...	...	...	...	17	9.72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Patna	25,794	33	13.52	33	13.68
	Patna	20,306	86	20.46	28	13.36
	Patna	1,334,492	3,604	30.96	192	1.56	3,236	19.32
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W. H. GREGG, Surgeon-Lieut.-Col., Dip. Publ. Health, Camb.,
Sanitary Commissioner for Bengal.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 10th March 1894.

Supplementary Vital Statistics of Districts and of Towns in Bengal for December 1893 received too late for publication with the figures of that month on the 3rd February 1894.

DIVISIONS.		Districts.	BIRTHS.		DEATHS.												AVERAGE OF CORRESPONDING MONTH OF PREVIOUS FIVE YEARS.			
			Population under registration.	Ratio per 1,000 of population per annum.	CHOLERA.		SMALL-POX.		FEVER.		DYSENTERY AND DIARRHŒA.		INJURY.		OTHER CAUSES.				TOTAL OF ALL CAUSES.	
					Number registered.	Ratio per 1,000 of population per annum.	Number regis-tered.	Ratio per 1,000 of population per annum.	Number regis-tered.	Ratio per 1,000 of population per annum.	Number regis-tered.	Ratio per 1,000 of population per annum.	Number regis-tered.	Ratio per 1,000 of population per annum.	Number regis-tered.	Ratio per 1,000 of population per annum.			Number regis-tered.	Ratio per 1,000 of population per annum.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Raidwan Residency	Midnapore ..	2,031,516	7,204	35.19	786	3.48	11	.04	5,824	26.52	225	1.08	22	.09	1,333	6.00	8,202	37.32	7,888	33.12
	Jessore ..	1,888,827	7,211	45.72	1,130	7.08	...	...	12,577	79.80	30	.12	3	.12	688	4.20	11,434	51.68	9,653	61.32
	Total ..	4,520,343	14,475	38.40	1,921	5.04	11	.02	18,401	48.64	255	.60	22	.12	2,000	5.28	22,640	6.00	16,941	44.88
	Total for the Province ..	71,001,613	233,614	40.44	36,606	6.12	511	.08	133,201	32.52	4,223	.72	1,257	.12	30,715	6.12	273,278	46.08	106,147	33.00
	Average of corresponding month of previous five years.	.....	.....	.....	Not available, as birth registration in rural areas was only introduced from 1882.	15,828	2.64	803	.12	146,134	24.60	4,775	.72	1,165	.12	27,441	4.56	196,147	33.00	...
	Difference + or -	.....	.....	.....	+20,778	+3.48	-202	-.04	+47,127	+7.02	+133	Equal.	+91	Equal.	+9,274	+1.56	+77,131	+13.08	...	...
Midnapore Hogghly	1 Midnapore ..	32,224	63	25.40	3	.10	.....	.....	64	23.46	31	11.52	1	.56	26	9.24	124	46.08	90	33.36
	2 Hogghly and Chinsura ..	83,060	114	41.28	7	2.52	.....	.....	143	61.84	32	11.62	2	.72	73	19.20	237	83.92	154	66.80
	TOTAL ..	65,824	177	32.40	10	1.80	.....	.....	207	57.92	63	11.52	3	.48	78	14.28	361	66.24	244	44.76
	Total of all towns with a population of 20,000 and over.	2,329,831	5,543	28.56	312	1.80	14	.07	4,737	24.36	1,217	6.12	85	.36	1,957	10.08	8,372	43.08	5,322	27.36
	Average of corresponding month of previous five years.	.....	.....	.....	Complete figures of last five years are not available.	220	2.64	41	.12	2,414	12.36	692	5.48	82	.36	1,567	8.04	5,322	27.36	.....
	Difference + or -	.....	.....	.....	-154	-1.84	-27	-.05	+2,323	+12.00	+515	+2.04	+3	Equal.	+390	+2.04	+3,050	+15.72	.....	.....

OFFICE OF SANT. COMM. FOR BENGAL,
The 10th March 1894.

W. H. GREGG, Surgn.-Lieut.-Col., Dip. Publ. Health, Camb.,
Sanitary Commissioner for Bengal.

IRRIGATION DEPARTMENT, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Major Works for the month of January 1894, as compared with that of the corresponding month of the previous year.

CANALS.	TOLLAGE, 1893-94.			TOLLAGE, 1892-93.		
	During the month.		To end of the month.	During the month.		To end of the month.
<i>Orissa Circle.</i>	Rs.	A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Taldanda Canal System	739	10 11	11,147 3 0	152 2 7	5,702 15 8	
Kendrapara ditto	7,907	14 11	69,104 5 2	7,415 5 5	54,708 5 3	
High Level, Range I	1,006	0 0	11,942 6 9	1,478 15 6	11,275 2 6	
Ditto, " II	333	14 4	2,710 4 1	378 9 6	2,247 4 9	
Ditto, " III	175	5 0	1,651 9 3	173 2 3	1,226 10 4	
Jajpur Canal ...	45	5 3	336 6 1	51 9 0	214 2 0	
Total Orissa Circle ...	10,208	2 5	96,892 2 4	9,649 12 3	75,374 8 6	
<i>South-Western Circle.</i>						
Midnapore Canal ...	14,005	11 6	91,525 2 3	8,136 0 3	94,146 6 0	
Hijili Tidal Canal ...	3,961	5 9	46,450 6 0	3,104 4 0	40,891 8 3	
Total South-Western Circle ...	17,967	1 3	1,37,975 8 3	11,240 4 3	1,35,037 14 3	
<i>Sone Circle.</i>						
Patna Canal System ...	2,104	6 0	17,698 10 3	1,159 15 0	17,115 4 9	
Arrah ditto ...	1,250	3 0	15,665 2 7	1,115 2 6	14,465 12 9	
Buxar ditto ...	613	4 6	5,881 0 8	532 4 3	8,254 7 9	
Total Sone Circle ...	3,997	13 6	39,244 13 6	2,807 5 9	39,835 9 3	
GRAND TOTAL ...	32,173	1 2	2,74,112 8 1	23,697 6 3	2,50,248 0 0	

Government Transport Service.

CANAL.	TOLLAGE, 1893-94.						TOLLAGE, 1892-93.					
	During the month.			To end of the month.			During the month.			To end of the month.		
	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.
<i>Orissa Circle.</i>	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.
High Level ...	1,983	885	1,891 6 6	20,226	6,697	10,908 13 4	2,114	913	2,086 11 6	14,067	12,161	14,477 4 10
Total Orissa Circle ...	1,983	885	1,891 6 6	20,226	6,697	10,908 12 4	2,114	913	2,086 11 6	14,067	12,161	14,477 4 10

Total Navigation Receipts.

CANALS.	EARNINGS, 1893-94.			EARNINGS, 1892-93.		
	During the month.		To end of the month.	During the month.		To end of the month.
	Rs.	A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Orissa Canals ...	12,039	8 11	1,16,800 14 8	11,736 7 9	89,851 13 4	
Midnapore Canal ...	14,005	11 6	91,525 2 3	8,136 0 3	94,146 6 0	
Hijili Tidal Canal ...	3,961	5 9	46,450 6 0	3,104 4 0	40,891 8 3	
Sone Canals ...	3,997	13 6	39,244 13 6	2,807 5 9	39,835 9 3	
Total ...	34,064	7 8	2,94,081 4 5	25,784 1 9	2,64,725 4 10	

CALCUTTA,
The 13th March 1894.

G. U. MACONCHY,
Under-Secy. to the Govt. of Bengal.

IRRIGATION DEPARTMENT, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Minor Works and Navigation for the month of January 1894, as compared with that of the corresponding month of the previous year.

CANALS.	TOLLAGE, 1893-94.		TOLLAGE, 1892-93.	
	During the month.	To end of the month.	During the month.	To end of the month.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta and Eastern Canals ...	37,003 7 6	2,56,457 10 0	54,596 6 3	2,83,845 10 6
Tolly's Nala ...	10,765 15 3	68,046 2 9	11,551 0 9	72,204 1 3
Total ...	47,769 6 9	3,24,503 12 9	66,147 7 0	3,56,049 11 9
Orissa Coast Canal ...	6,985 9 0	80,225 13 0	4,297 3 6	40,445 4 9
Nadia Rivers ..	8,552 11 0	1,55,554 12 4	9,669 8 0	1,48,500 8 3
GRAND TOTAL ...	63,307 10 9	5,60,284 6 1	80,114 2 6	5,44,995 8 9

CALCUTTA,
The 13th March 1894.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate return of traffic for the week ending Saturday, the 10th March 1894, as compared with the corresponding week of the previous year.

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 10TH MARCH 1894.			WEEK ENDING SATURDAY, THE 11TH MARCH 1893.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy ...	51	1,08,175	1,536	1,063	3,02,300	5,024
Jute ...	54	25,250	451	69	54,600	550
Firewood ...	66	47,350	748	137	1,01,525	1,657
Other articles ...	888	2,09,565	3,082	916	2,71,560	4,303
Total ...	1,889	3,90,340	5,817	2,185	7,09,985	11,534

EAST INDIAN RAILWAY.

Statement of Goods Traffic in Staples carried during the three weeks and 6 days ending 27th January 1894,
as compared with the same period of 1893.

STAPLES.	1893.		1894.		INCREASE.		DECREASE.	
	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
Cotton, raw	1,43,049	68,912	1,91,889	1,30,830	48,840	61,917	...	...
Cotton twist and yarn—								
1.—European	7,286	7,514	8,054	7,331	774	...	...	183
2.—Indian	17,125	9,078	25,144	13,077	8,019	4,599	...	...
Cotton piece-goods—								
1.—European	96,547	1,07,422	1,32,945	1,48,123	36,398	40,701	...	...
2.—Indian	12,151	7,130	14,625	7,864	2,504	714	...	...
Drugs and chemicals—								
1.—Intoxicating other than opium ...	574	127	427	225	...	96	81	...
2.—Non-intoxicating	9,419	7,992	8,135	6,231	...	...	1,274	1,711
Dyes and tans—								
1.—Indigo	7,489	6,351	9,599	13,340	2,110	6,988	...	...
2.—Myrabolams	44,211	9,416	16,650	4,511	...	...	27,561	4,835
3.—Aniline dyes	189	189	243	194	54	5	...	...
4.—Cutch	2,31	1,224	2,293	942	267	...	...	252
5.—Paints and colours	17,121	4,601	5,654	2,678	...	...	11,467	1,933
6.—Others	8,345	2,812	3,865	1,040	20	...	...	1,772
Grains—								
1.—Wheat	2,81,997	1,61,495	2,67,635	1,10,514	...	9,010	14,869	...
2.—Rice	6,61,997	1,13,352	10,60,287	1,62,481	3,47,290	49,129	...	...
3.—Jawar and bajra	80,719	11,584	23,488	4,569	...	...	66,631	7,015
4.—Gram	1,21,819	58,610	97,412	27,824	...	...	24,417	30,835
5.—Indigo seed	1,0,626	3,651	1,6,842	55,967	67,216	23,316	...	...
6.—Seeds other than oil-seeds ...	86,633	27,902	43,408	12,478	...	...	37,130	15,424
7.—Others	3,22,615	87,678	4,04,161	96,424	81,576	8,746	...	...
Hides and skins—								
1.—Hides of cattle	53,905	26,862	60,474	33,310	6,569	...	...	3,552
2.—Skins of sheep, &c.	17,062	7,581	14,958	5,271	...	...	2,104	2,319
Horns	1,430	969	721	557	...	...	729	412
Jute—								
1.—Raw	98,006	26,927	1,43,076	42,583	44,470	15,658	...	...
2.—Gunny bags and cloth	74,710	33,191	88,572	45,358	13,862	9,167	...	...
Lac—								
1.—Stick	31,684	12,754	30,077	10,431	...	...	1,607	2,353
2.—Shell-lac	11,850	14,030	18,934	13,917	1,075	...	...	133
Leather—								
1.—Unmanufactured	1,782	3,600	2,211	4,488	429	888	...	...
2.—Manufactured	6,013	7,338	4,653	5,566	...	...	1,410	1,792
Liquors—								
1.—Beer	8,988	4,425	8,917	5,002	...	677	71	...
2.—Wines	8,347	3,521	2,171	3,330	...	...	1,676	191
3.—Spirits	1,904	1,993	1,826	2,103	322	110	...	...
Metals—								
1.—Copper, unwrought	4,442	4,315	6,247	7,482	1,805	3,267	...	...
2.—Brass, unwrought	8,310	2,040	3,608	3,333	268	1,314	...	...
3.—Brass and copper, wrought ...	19,405	8,778	21,376	10,859	1,971	2,981	...	...
4.—Iron	3,24,556	1,23,466	2,50,701	1,06,213	...	...	73,884	17,183
5.—Tin	4,898	2,782	5,334	4,576	926	1,794	...	...
6.—Others	12,172	8,724	10,376	7,136	...	...	1,596	1,588
Oils—								
1.—Castor	4,157	1,098	4,833	1,109	676	11	...	...
2.—Kerosine	1,10,469	48,113	1,26,987	56,399	16,518	8,286	...	...
3.—Others	13,566	5,937	9,297	3,571	...	...	4,069	2,066
Oil-seeds—								
1.—Linseed	36,226	12,696	2,60,179	83,643	2,13,953	71,547	...	...
2.—Rape and mustard	96,896	25,382	1,94,614	61,718	97,808	36,336	...	...
3.—Til or jinjili	69,906	2,544	55,388	11,305	...	...	14,632	11,239
4.—Castor	65,653	15,460	33,700	6,838	...	...	29,853	8,581
5.—Poppy	3,988	974	17,920	4,901	13,941	3,927	...	...
6.—Others	11,787	2,328	16,255	3,511	4,468	1,183	...	...
Opium	18,551	17,899	50,638	45,728	31,087	30,829	...	...
Paper and pasteboard	10,913	6,712	9,840	5,409	...	...	1,073	1,335
Provisions—								
1.—Ghee	34,979	29,485	37,070	30,368	2,691	9,883	...	...
2.—Dried fruits and nuts	28,787	19,518	15,572	18,811	...	...	10,415	5,707
3.—Coconuts	6,272	1,775	6,350	1,674	78	...	...	101
4.—Turmeric	10,546	5,638	11,748	8,431	1,198	2,776	...	...
5.—Others	75,658	31,213	1,16,748	40,640	41,090	9,347	...	...
Salt	5,09,673	40,218	6,02,314	1,01,636	...	11,418	6,764	...
Saltpetre, &c.—								
1.—Saltpetre	63,827	27,780	45,861	19,152	...	...	17,966	8,637
2.—Borax	3,732	3,073	1,902	1,401	...	...	1,890	1,674
3.—Other saline substances	30,292	9,790	37,465	11,515	7,173	1,725	...	...
Silk, raw—								
1.—Foreign ... ..	...	...	...	...	...	...	...	...
2.—Indian	6,095	2,762	3,898	1,552	...	...	2,197	1,216
Silk piece-goods—								
1.—Foreign	6	9	13	44	7	35	...	...
2.—Indian	530	532	490	123	...	191	100	...
Spices—								
1.—Pepper	2,578	2,687	2,935	3,253	337	516	...	...
2.—Other	23,741	17,348	33,433	26,616	5,192	9,168	...	...
Sugar—								
1.—Drained	13,021	5,143	14,350	4,346	729	...	...	797
2.—Undrained	5,70,716	1,07,214	5,28,317	81,682	...	...	42,363	18,663
Stone and lime	3,94,657	45,012	2,66,956	42,894	...	...	57,672	2,118
Tea—								
1.—Foreign	5	1	...	...	...	...	5	1
2.—Indian	2,171	1,710	2,750	2,095	579	376	...	...
Timber, &c.—								
1.—Timber	1,05,476	16,538	88,614	13,166	...	...	16,862	3,432
2.—Firewood	30,465	2,167	14,763	823	...	...	16,702	1,314
Tobacco	17,006	8,692	28,777	16,805	21,682	8,111	...	...
Umbrellas	671	1,988	166	157	...	...	505	931
Wool—								
1.—Raw	2,253	1,658	2,351	2,326	98	678	...	...
2.—Piece-goods—								
a.—European	399	573	87	140	...	...	312	435
b.—Indian	1,696	1,615	2,224	2,005	528	990	...	...
3.—Shawls ... ..	...	...	...	...	...	...	...	...
All other articles of merchandise ...	3,42,810	1,45,119	5,79,322	2,07,134	2,37,503	62,015	...	...
Total	53,42,199	17,00,374	62,31,438	20,48,560	8,88,239	3,48,296	...	...
Military stores	12,673	18,783	6,916	7,391	...	...	5,757	10,894
Coal—								
1.—For public	42,43,974	5,55,902	46,03,422	6,06,839	2,62,448	21,037	...	...
2.—Railway	4,90,554	61,377	5,63,769	60,911	13,215	...	...	466
Railway Materials—								
1.—For construction and revenue ...	8,12,209	40,670	11,17,372	37,776	3,05,163	...	...	2,894
Live-stock ... ..	...	6,122	...	7,869	...	1,247	...	...
Total	1,09,02,609	24,13,590	1,24,65,917	27,69,846	15,03,308	5,56,256	...	...

T. SIMPSON, Assistant Auditor.

TRAFFIC AUDIT OFFICE, GOODS DIVISION, JAMALPUR, the 7th March 1894.

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., Dacca, K.-D., AND ASSAM-BIHAR SECTIONS.)

Approximate Return of Traffic for the week ended 3rd March 1894, on 813 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	210,490	1,07,130 0 0	8,77,430 0	99,360 0 0	13,930 0 0	2,20,420 0 0	30,108	31,172	61,280
Or per mile of railway ...	259	132 0 0	1,079 0	122 0 0	1 0 0	255 0 0	.....	.....	.....
For previous 8 weeks of half-year ...	1,520,150	7,72,570 0 0	71,21,230 0	10,87,720 0 0	2,59,770 0 0	21,20,000 0 0	233,164	259,966	493,130
Total for 9 weeks ...	1,730,640	8,79,700 0 0	79,98,660 0	11,87,080 0 0	2,73,700 0 0	23,40,480 0 0	263,272	291,138	454,410
COMPARISON.									
Total for corresponding week of previous year ...	220,691	1,01,506 0 0	6,82,330 0	81,005 0 0	12,840 0 0	1,95,441 0 0	29,397	25,671	55,068
Per mile of railway corresponding week of previous year ...	284	131 0 0	878 0	104 0 0	1 0 0	236 0 0	.....	.....	.....
Total to corresponding date of previous year ...	1,664,502	7,93,618 0 0	65,22,548 0	8,67,845 0 0	1,54,260 0 0	18,15,723 0 0	263,119	250,162	513,281

* Excluding steamer earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for the week ended 3rd March 1894, on 125 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	32,300	10,560 0 0	60,680 0	3,050 0 0	40 0 0	13,650 0 0	3,737	1,935	5,672
Or per mile of railway ...	258	85 0 0	485 0	24 0 0	.....	169 0 0	.....	.....	.....
For previous 8 weeks of half-year ...	254,000	91,160 0 0	3,96,700 0	25,580 0 0	1,050 0 0	1,17,790 0 0	29,322	15,205	44,527
Total for 9 weeks ...	286,300	1,01,720 0 0	4,57,380 0	28,630 0 0	1,090 0 0	1,31,440 0 0	33,059	17,140	50,199
COMPARISON.									
Total for corresponding week of previous year ...	37,799	12,555 0 0	58,122 0	3,825 0 0	70 0 0	16,450 0 0	3,737	1,935	5,672
Per mile of railway corresponding week of previous year ...	302	100 0 0	465 0	31 0 0	1 0 0	132 0 0	.....	.....	.....
Total to corresponding date of previous year ...	278,770	1,03,475 0 0	5,81,811 0	35,388 0 0	1,652 0 0	1,40,515 0 0	33,763	17,311	51,074

DACCA STATE RAILWAY.

Approximate Return of Traffic for the week ended 3rd March 1894, on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	22,310	7,340 0 0	18,910 0	1,750 0 0	80 0 0	9,070 0 0	2,487	737	3,224
Or per mile of railway ...	259	84 0 0	220 0	20 0 0	1 0 0	105 0 0	.....	.....	.....
For previous 8 weeks of half-year ...	164,070	56,240 0 0	2,45,120 0	24,170 0 0	1,380 0 0	81,790 0 0	19,499	6,411	25,910
Total for 9 weeks ...	186,380	63,480 0 0	2,64,030 0	25,920 0 0	1,460 0 0	90,860 0 0	21,986	7,148	29,134
COMPARISON.									
Total for corresponding week of previous year ...	18,907	6,473 0 0	15,819 0	1,511 0 0	64 0 0	8,038 0 0	2,435	743	3,178
Per mile of railway corresponding week of previous year ...	220	75 0 0	184 0	17 0 0	1 0 0	93 0 0	.....	.....	.....
Total to corresponding date of previous year ...	165,495	53,847 0 0	1,57,238 0	14,370 0 0	1,745 0 0	69,962 0 0	22,260	6,658	28,918

[REGISTERED No. 29.]

No. 12 of 1894.



SUPPLEMENT TO
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OFFICIAL PAPERS.

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Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 17th March, 1894.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.			
BURDWAN DIVN.	1 Burdwan Mar. 17, '94	Nil	Weather—seasonable. Potato and <i>rabi</i> crops are still being harvested. Sugarcane is being pressed. Fodder and water sufficient. Prices of common rice:— <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="text-align: right;">Srs.</div> <div style="display: flex; flex-direction: column; align-items: center;"> <div>Burdwan 13½ to 18½</div> <div>Kalna 10 to 14</div> <div>Katwa 14½</div> <div>Raniganj 15</div> </div> <div style="margin-left: 10px;">} per rupee.</div> </div>
	Kalna	Nil	
	Katwa	Nil	
	Raniganj	Nil	
	2 Birbhum „ 17, '94	Nil	Weather—hot in the day, but still cool at night. <i>Rabi</i> crops are being harvested; outturn fair except in case of sugarcane. Common rice sells at from 12 to 18 seers per rupee. Cattle get fodder; cowpox reported from a few villages in the Sadar subdivision.
	Rampur Hát	Nil	
	3 Bankura „ 17 '94	Nil	Weather—seasonable. Lands are being prepared for rice cultivation, but rain wanted for the purpose. Harvesting of sugarcane still going on. Fodder and water sufficient. Rice sells at— <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="text-align: right;">Srs.</div> <div style="display: flex; flex-direction: column; align-items: center;"> <div>Sadar 17½</div> <div>Vishnupur 16½</div> </div> <div style="margin-left: 10px;">} per rupee.</div> </div>
	Sadar	Nil	
	Vishnupur	Nil	
	4 Midnapore „ 17, '94	Nil	Weather—growing hotter. Indigo doing well. <i>Boro</i> rice is still being sown in places. Prices of common rice:— <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="text-align: right;">Srs.</div> <div style="display: flex; flex-direction: column; align-items: center;"> <div>Sadar 15</div> <div>Contai 16</div> <div>Tamluk 14</div> <div>Ghatal Not reported</div> </div> <div style="margin-left: 10px;">} per rupee.</div> </div>
	Sadar	Nil	
	Contai	Nil	
	Tamluk	Nil	
	5 Hooghly „ 17, '94	Nil	Weather—cool at the beginning and very hot at the end of the week. Sugarcane pressing nearly over. <i>Rabi</i> harvest far advanced. Vegetables and potato crop doing fairly well. Fodder and water sufficient. Prices of common rice:— <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="text-align: right;">Srs.</div> <div style="display: flex; flex-direction: column; align-items: center;"> <div>Sadar 11 to 12</div> <div>Serampore 11½ to 15½</div> <div>Jahanabad 13 to 16</div> </div> <div style="margin-left: 10px;">} per rupee.</div> </div>
	Serampore	0.11	
	Jahanabad	Nil	
	6 Howrah „ 17, '94	0.69	
	Ulubaria	Nil	
PRESIDENCY DIVN.	7 24 Parganas „ 17, '94	1.01	Weather—seasonable. Rain is wanted for <i>boro</i> paddy. Condition of cattle good. Fodder and water sufficient. Rice sells at:— <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="text-align: right;">Seers. Ch.</div> <div style="display: flex; flex-direction: column; align-items: center;"> <div>Sadar 11½ to 14 0</div> <div>Barasat 12 0</div> <div>Basirhat 13 14½</div> <div>Diamond Harbour 13 4</div> </div> <div style="margin-left: 10px;">} per rupee.</div> </div>
	Sadar	Nil	
	Barasat	Nil	
	Basirhat	Nil	
	Diamond Harbour	Nil	
	8 Nadia „ 17, '94	Nil	Weather—hot by day and cool by night. Rain wanted for cultivation. <i>Rabi</i> harvest is almost complete. Supply of fodder sufficient.
	Kushtia	Nil	
	Meherpur	Nil	
	Chuadanga	Nil	
	Ranaghat	Nil	
	9 Murshidabad „ 17, '94	Nil	Weather—getting hot. Harvesting of <i>rabi</i> crops going on. A recent hailstorm at Jangipore has done some injury to <i>rabi</i> crops. Pressing of sugarcane nearly finished. Fodder sufficient for cattle. Small-pox among cattle reported from Kandi. Common rice sells at 14 seers per rupee. There was a hailstorm on the afternoon of the 11th: weather cooled down. Harvesting of <i>rabi</i> crops nearly over. Owing to recent rain lands are being ploughed for sowing indigo, <i>til</i> and paddy. Fodder and water sufficient in all the subdivisions except Jhenida, where the former is reported to be insufficient and the latter somewhat scarce. Prices of common rice:— <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="text-align: right;">Srs.</div> <div style="display: flex; flex-direction: column; align-items: center;"> <div>Sadar 12</div> <div>Jhenida 11½</div> <div>Magura 12</div> <div>Narail 12½</div> <div>Bangaon 10 to 12</div> </div> <div style="margin-left: 10px;">} per rupee.</div> </div>
	10 Jessore „ 17, '94	0.31	
	Jhenida	Nil	
	Magura	0.03	
	Narail	1.36	
	Bangaon	0.17	
	11 Khulna „ 17, '94	0.08	Weather—hot in the day and cool in the night. Harvesting of <i>rabi</i> crop is over. Prospects of <i>boro</i> rice fair. Land is being prepared for <i>til</i> and jute. Common rice sells at from 11 to 14½ seers per rupee. Water and fodder sufficient.
	Bagerhat	Nil	
	Sathkira	Nil	

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—concd.			
RAJSHAHI DIVN.	12 Rajshahi Mar. 17, '94 Nil	Nil	Weather—hot at day, but cool at night. Prospects of <i>rabi</i> crops good. Gathering of pulses and mustard not yet finished. No disease among cattle reported. Fodder and drinking water available. Price of rice varies from 13 to 15 seers per rupee.
	Nator ... Nil	Nil	
	Naugaon ... Nil	Nil	
	13 Dinajpur „ 17, '94 Nil	Nil	Weather—hot during day, cool at night. Lands are being prepared for <i>bhadoi</i> crops. Common rice selling at from 13 to 15 seers per rupee. Condition of cattle good. Supply of water and fodder sufficient.
	Thakurgaon ... Nil	Nil	
	14 Jalpaiguri „ 17, '94 Nil	Nil	Weather—seasonable. Ploughing of lands for <i>bhadoi</i> and jute going on. Common rice sells on an average 13 seers per rupee. No want of fodder and water.
	15 Darjeeling „ 17, '94 Nil	Nil	Weather—cloudy and cold. <i>In the hills</i> :—Wheat and barley are being harvested in some places. Potatoes coming up. <i>Bhutia</i> is being planted. <i>Phapur</i> is coming to perfection. <i>In the Terai</i> :—Lands are being ploughed. Price of coarse rice :—
	Siliguri ... Nil	Nil	
Dacca Divn.	16 Rangpur „ 17, '94 Nil	Nil	Weather—getting warmer; mornings still cool. Sowing of <i>aus</i> paddy and jute continues. Outturn of tobacco 16 annas. Price of rice 10½ to 14 seers per rupee.
	Nilphamari ... Nil	Nil	
	Kurigaon ... Nil	Nil	
	Gaibanda ... Nil	Nil	Weather—warm during day time, but cold at night. Prospects of standing crops good. Preparation of lands for <i>aus</i> and jute continues. Common rice selling at 12½ seers per rupee. Fodder and water sufficient.
	17 Bogra „ 17, '94 Nil	Nil	
	Sherpur ... 0-07	0-07	
	Naikhila ... 0-07	0-07	
	18 Pabna „ 17, '94 Nil	Nil	Weather—seasonable with hot days and cool nights. Prospects of standing crops fair. Common rice sells at from Rs. 3-4 to Rs. 3-8 per maund at Sirajganj and at 12 seers per rupee at Sadar. Fodder and water-supply sufficient.
Dacca Divn.	19 Dacca „ 17, '94 2-78	2-78	Weather—seasonable. Prospects of standing crops fair. Ploughing for sowing of rice and jute going on. Common rice selling at from 8 to 12 seers per rupee. Fodder available. There is want of drinking water in many places. No cattle-disease.
	20 Mymensingh „ 17, '94 0-90	0-90	Weather—cloudy and warm. Prospects of standing crops good. Lands are being cultivated for <i>aus</i> paddy and jute. Common rice sells at 10 seers per rupee. Condition of cattle good. Want of good water for drinking and domestic purposes is not felt anywhere except in Kishoreganj subdivision.
	21 Faridpur „ 17, '94 Nil	Nil	Weather—variable; at present very hot. Prospects of standing crops fair. Rain wanted for ploughing in Goalundo. No want of fodder or water. Condition of cattle good except in Kotlipara thana, where cattle-disease is reported. Price of common rice :—
	Goalundo ... Nil	Nil	
	Madaripur ... Nil	Nil	
CHITTAGONG DIVN.	22 Backergunge „ 17, '94 Nil	Nil	Weather—seasonable. State and prospects of crops fair. Common rice sells at from 10 to 13 seers per rupee. Fodder and water sufficient. Water for drinking and domestic purpose scarce in police stations of Golachipa and Gulsakhali and in various parts of Pirojpur subdivision.
	23 Tippera „ 17, '94 0-45	0-45	Weather—seasonable. Prospects of standing crops fair. Lands are being prepared for paddy and jute. Low-lands are being sown.
	24 Noakhali „ 17, '94 Nil	Nil	Weather—seasonable. State of <i>rabi</i> crops not good. Ploughing for <i>aus</i> crop continues. Fodder and water available. No cattle-disease. Rice selling at—
	Chittagong „ 17, '94 1-88	1-88	Weather—unsettled at first, now seasonable. Standing crops somewhat damaged by recent rain and hail-storm. Prices steady. Water and fodder sufficient.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BIHAR.			
PATNA DIVISION.	26 Patna Mar. 17, '94	Nil	Weather—clear and getting warm. <i>Rabi</i> harvest is far advanced, and a good outturn is everywhere reported. Crop prospects are in fact most satisfactory. Prices of common rice :— <div style="float: right; text-align: right;"> Srs. Sadar 15½ Barh 15 Bihar 16½ Dinapur 16 } per rupee. </div>
	27 Gaya „ 17, '94	Nil	Weather—warm with west wind. Harvesting of <i>rabi</i> crops continues. Collection of opium going on, but the west winds have caused the prospects to deteriorate somewhat. Common rice sells at from 14 to 20 seers per rupee. Fodder and water-supply ample.
	Jahanabad ...	Nil	
	Aurangabad ...	Nil	
	Nawada ...	Nil	
	28 Shahabad „ 17, '94	Nil	Weather—hotter. Harvesting of <i>rabi</i> crops continues. Sugarcane is being planted. The poppy was injured by blight in February, and the yield will be seriously affected by it.
	Buxar ...	Nil	
	Bhabhua ...	Nil	
	Sasaram ...	Nil	
	29 Saran „ 17, '94	Nil	Weather—seasonable. <i>Rabi</i> harvest has begun. Wheat has been to some extent injured by blight in parts. Opium is being gathered; outturn estimated to be reduced by ¼ by blight in Siwan and to a small extent in Sadar. Fodder and water plentiful. Prices of common rice :— <div style="float: right; text-align: right;"> Srs. c. Chapra 14 8 Siwan 14 0 Gopalganj 15 6 } per rupee. </div>
	Siwan ...	Nil	
	Gopalganj ...	Nil	
	30 Champaran „ 17, '94	Nil	
BHAGALPUR DIVISION.	31 Muzaffarpur „ 17, '94	Nil	Heat in day time increasing; nights cool. <i>Rabi</i> crops being reaped. Opium collection in progress. Owing to the appearance of blight a reduction has been made in the estimate of the outturn of opium. Prices stationary.
	32 Darbhanga „ 17, '94	Nil	Weather—hot with west wind. Harvesting of <i>rabi</i> has commenced. About one anna loss of opium is reported from Hajipur from blight. Flow of juice not free. Health of cattle good. Fodder and water sufficient.
	33 Monghyr „ 17, '94	Nil	Weather—getting warmer daily. <i>Rabi</i> is being harvested; outturn estimated at 12 annas. Lancing of poppy capsules is about to finish. Indigo and other standing crops doing well. Fodder and water sufficient. No cattle-disease reported. Prices of common rice :— <div style="float: right; text-align: right;"> Srs. Sadar 13 to 16½ Begusarai 16 Jamui 15 } per rupee. </div>
	Begusarai ...	Nil	
	Jamui ...	Nil	
	34 Bhagalpur „ 17, '94	Nil	The hot weather has set in with its usual characteristics. Wheat and barley promise well except on light and sandy soils. They are now being got in in many villages. Linseed is an important crop here. It is being harvested; a-12 anna yield. Indigo is flourishing. Prices are steady. Common rice 16 seers 6 chitaks per rupee.
	Banka ...	Nil	
	Madhipura ...	Nil	
	Supaul ...	Nil	
	35 Purnea „ 17, '94	Nil	Weather—getting hot day by day. Harvesting of mustard and tobacco is over. Standing <i>rabi</i> crop is in a satisfactory state. Ploughing for <i>bhadoi</i> continues. No cattle-disease. Fodder and water sufficient. Prices of common rice :— <div style="float: right; text-align: right;"> Srs. Sadar 14 to 18 Kishanganj 15 Araria 17 } per rupee. </div>
	Kishanganj ...	Nil	
	Araria ...	Nil	

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.												
BIHAR—conold.															
BHAGALPUR DIVN.—conold.	36 Malda Mar. 17, '94	Nil	Weather—days hot, mornings and evenings still cool. <i>Rabi</i> crops are being harvested; expected outturn 8 to 10 annas. <i>Boro</i> paddy thriving. Lands are being prepared for <i>bhadoi</i> crops. Price of coarse rice varies from 13 to 16 seers per rupee. Fodder and drinking water ample.												
	37 Sonthal Parganas .. 17, '94	Nil	Weather—cool in the morning and at night, but hot with west winds in the day. Harvesting of wheat continues. <i>Mahua</i> being collected in parts. Fodder and water sufficient. Price of common rice 13 to 18 seers per rupee.												
	Deoghur ...	Nil													
	Godda ...	Nil													
	Jamtara ...	Nil													
	Pakur ...	Nil													
	Rajmahal ...	Nil													
ORISSA.															
ORISSA DIVN.	38 Cuttack .. 17, '94	Nil	Weather—hot. All crops on the ground doing well. The estimated outturn of mustard is 10 annas. Fodder and water sufficient. Common rice sells at— <table><tr><td></td><td>Srs. c.</td><td>Srs. c.</td></tr><tr><td>Sadar</td><td>10 8 to 16 7</td><td rowspan="4">} per rupee.</td></tr><tr><td>Jajpur</td><td>14 8 to 17 2</td></tr><tr><td>Kendrapara</td><td>14 0 to 17 0</td></tr><tr><td>Banki</td><td>17 11</td></tr></table>		Srs. c.	Srs. c.	Sadar	10 8 to 16 7	} per rupee.	Jajpur	14 8 to 17 2	Kendrapara	14 0 to 17 0	Banki	17 11
		Srs. c.	Srs. c.												
	Sadar	10 8 to 16 7	} per rupee.												
	Jajpur	14 8 to 17 2													
	Kendrapara	14 0 to 17 0													
Banki	17 11														
39 Balasore .. 17, '94	0.04	Weather—seasonable. Sugarcane, the average outturn of which is about 8 annas, is being pressed. <i>Dalua</i> , the only standing crop, is doing well, but rain is wanted. Coarse rice sells at about 18 seers per rupee.													
40 Puri .. 15, '94	Nil	Weather—seasonable, but cloudy at times. <i>Dalua</i> rice is being transplanted. Cotton and <i>mug</i> are thriving well. Miscellaneous crops promise well. Cattle-disease reported from the interior. Rice sells at from 17 seers 1 chitak to 18 seers 6 chitaks per rupee.													
CHOTA NAGPUR.															
South-West Frontier Agency.															
CHOTA NAGPUR DIVN.	41 Hazaribagh Mar. 17, '94	Nil	Weather—warm with steady west winds. Sugarcane being planted. Fourteen annas of opium collected. Some deficiency in the outturn expected. Price of common rice from 13 to 16 seers per rupee. Fodder and water plentiful.												
	Giridi ...	Nil													
	42 Lohardaga .. 17, '94	Nil	Weather—seasonable. Ploughing continues. Prospects of wheat and barley continue favourable. Common rice selling at 16 seers per rupee. Fodder and water plentiful.												
	43 Palamau .. 16, '94	Nil	Weather—getting quickly warmer. <i>Rabi</i> harvest in full swing. <i>Mahua</i> in full flower, and prospects excellent. Mango blossoming well. Rice selling at from 15 to 20 seers per rupee. Water and fodder-supply normal.												
	44 Manbhum .. 17, '94	Nil	Hot winds setting in. Prospect of <i>mahua</i> good. Water and fodder sufficient.												
Gobindpur ...	Nil														
45 Singhbhum .. 17, '94	Nil	Weather—mornings and evenings cool. Still cloudy, but no rain. <i>Masuri</i> , wheat, gram, cotton, <i>rahar</i> and <i>mahua</i> are being harvested; a 12 to 16-anna outturn expected. No cattle-disease. No complaints of scarcity of fodder and water.													

Published for general information.

CALCUTTA; REVENUE DEPT.,
Th: 20th March, 1894.

C. E. BUCKLAND,
Secy. to the Govt. of Bengal.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the

Number.		DISTRICTS.	QUANTITIES PER RUPEE IN																	
			WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLEM (<i>Sorghum Vulgar.</i>)					
			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
BENGAL.																				
BURDWAN DIVISION.	1	Burdwan	15 0	13 0	10 11	...	...	...	12 12	12 4	10 8	15 12	15 0	12 2	...	...	...
	2	Birbhum	9 12	9 12	10 4	...	...	...	12 0	12 0	11 0	15 12	15 12	14 4	...	...	...
	3	Bankura	16 4	16 4	12 0	...	...	...	12 10	12 10	10 0	16 4	16 1	11 4	...	...	...
	4	Midnapore	11 0	11 0	11 0	...	...	...	10 2	10 2	10 0	15 10	15 10	12 12	...	...	...
	5	Hooghly	14 6	14 5	11 0	20 8	20 8	11 0	8 4	8 4	8 0	11 8	11 8	10 0	...	...	...
	6	Howrah	...	...	...	...	...	...	10 0	11 4	9 6	12 0	12 8	10 0	...	...	...
PRESIDENCY DIVISION.	7	24-Parganas	13 0	13 8	11 4	18 0	17 0	16 0	8 0	8 0	8 0	13 0	13 0	12 0	16 0	16 0	16 0			
	8	Calcutta	13 5	13 0	11 5	16 9	16 0	17 0	7 9	7 8	7 4	10 2	10 0	10 0	20 0	20 0	18			
	9	Nadia	16 12	19 6	13 1	24 6	...	...	8 0	8 0	10 0	13 1	12 12	12 12	...	...	...
	10	Murshidabad	15 0	15 0	13 0	...	...	...	10 0	10 0	10 0	14 0	14 0	12 8	...	...	...
	11	Jessore	12 0	10 4	11 0	...	...	...	10 0	9 0	9 0	13 0	13 0	12 8	...	...	...
	12	Khulna	...	...	...	...	...	...	10 8	10 0	10 10	12 0	11 4	12 4	...	...	...
RAJSHAH DIVISION.	13	Rajshahi	13 8	16 8	10 0	30 0	22 8	26 4	10 8	12 0	11 4	13 2	13 8	12 12	...	...	...
	14	Dinajpur	12 0	11 0	10 12	13 0	...	15 12	11 0	10 12	10 12	14 8	14 0	14 6	...	...	...
	15	Jalpaiguri	13 0	13 0	10 0	13 8	13 8	13 0	9 0	9 0	9 0	13 8	14 0	13 0	...	...	...
	16	Darjeeling	8 0	8 0	8 0	9 0	9 0	10 0	5 8	5 8	5 0	12 0	12 0	11 0	...	...	...
	17	Ranepur	13 0	13 0	12 0	...	...	...	9 0	9 0	10 0	13 4	13 4	12 0	...	...	...
	18	Sogra	15 12	13 8	12 0	...	...	...	9 12	9 12	9 12	12 12	13 8	12 12	...	...	...
DACCA DIVISION.	19	Pabna	18 12	18 0	13 8	22 8	22 8	18 12	6 0	6 0	6 4	12 6	12 6	12 2	...	...	...
	20	Dacca	12 0	12 0	...	...	...	...	8 8	8 8	11 0	12 0	10 8	11 8	...	...	...
	21	Mymensingh	9 8	9 8	9 8	...	...	...	9 0	9 0	10 0	10 0	10 0	11 0	...	...	...
	22	Faridpur	17 0	16 0	11 4	16 0	16 0	20 0	7 8	7 8	8 0	12 0	11 8	12 0	...	...	...
	23	Backergunge	...	...	...	...	...	...	8 6	...	10 8	11 0	12 0	11 1	...	...	...

A In the subdivisions the retail prices of salt per rupee are :—Kalna 10 seers, Katwa 10½ seers, and Raniganj 10 seers.
B At Rampur Hat the retail price of salt is 11 seers per rupee.
C At Vishnupur the retail price of salt is 10 seers per rupee.
D In the subdivisions the retail prices of salt per rupee are :—Contai 10 seers, Tamluk 10½ seers, and Ghatal 10 seers 7 chitaks.
E In the subdivisions the retail prices of salt per rupee are :—Serampore (Bhadreswar) 10 seers, Jahanabad 10 seers.
F At Ulubaria the retail price of salt is 10 seers per rupee.
G In the marts in the interior of the district the retail prices of salt per rupee are :—Chetla 10 seers 10 chitaks, Barasat 10 seers, Magra Hat 9 seers 2 chitaks and Baduria 10½ seers.
H In the subdivisions the retail prices of salt per rupee are :—Kushtia (Bahadurkhal) 10½ seers, Chuadanga 10 seers, Meherpur 10½ seers and Kanaghat 10 seers.
I In the subdivisions the retail prices of salt per rupee are :—Kandi 10 seers, Jangipur 10½ seers.
J In the subdivisions the retail prices of salt per rupee are :—Jhenida 9 seers, Magura 9 seers 6 chitaks, Narail 9½ seers, and Bangaon 10 seers 11 chitaks.

SEERS OF 80 TOLAHS.

BAJRA OR KUMBU. (<i>Pennisetum typhoides</i> .)			MARUA OR RAGI. (<i>Eleusine Corocana</i> .)		
Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding re- turn.	Corresponding re- turn of last year.

S. Ch. S. Ch. S. Ch. S. Ch. S. Ch. S. Ch.

...
...
...
...
...
...

...
15 9	15 12	...	...	...	...
...
...
...
...

...
...
...
...	...	...	13 0	13 0	11 0
...
...
...

...
...
...
...

KANGNI OR KAKUN, ITALIAN MILLET. (<i>Setaria italica</i> .)			GRAM, CHANA, CHHOLA, KADALAY OR SUNAGA. (<i>Cicer arietinum</i> .)		
Present return.	Next preceding re- turn.	re- Corresponding turn of last year.	Present return.	Next preceding re- turn.	re- Corresponding turn of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	18 0	18 0	14 10
...	16 8	16 8	13 8
...	17 8	17 8	13 8
...	16 0	16 0	14 8
...	15 0	15 0	11 8
...
8 0	8 0	6 0	20 0	20 0	15 4
7 12	8 0	...	16 6	15 0	12 4
...	22 13½	22 13½	16 14
...	20 0	20 0	16 0
...	13 0	13 4	14 8
...	11 0	12 8	10 10
...	24 0	24 0	15 0
...	14 12	13 0	12 0
...	16 0	16 0	13 0
...	12 0	12 0	10 0
...	17 0	17 0	13 0
...	16 14	15 0	9 12
...	16 0	17 0	14 4
...	17 0	17 0	...
...	12 8	12 8	12 8
...	10 0	10 0	11
...	16 0	...	13

Head-quarters Station Bazars of the Districts of Bengal on the 18th March, 1894.

															WHOLESALE PRICES PER MAUND OF 40 SEERS.						DISTRICTS.	Number.											
INDIAN-CORN OR MAIZE. (Zea Mays.)			ARHAR OR THUR, CADJAN PEA. (Cajanus Indicus.)			FIREWOOD.			SALT.			SALT.																					
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.																
S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.										
...	20	0	18	0	23	8	80	0	80	0	106	10	10	8	10	8	11	21	3	8	0	3	8	0	3	6	8	Burdwan.	1		
...	13	8	13	8	11	0	200	0	200	0	200	0	11	0	10	12	3	10	6	3	10	6	3	12	6		Birbhum.	2			
...	13	0	13	0	12	0	320	0	320	0	320	0	10	2	11	0	3	12	0	3	12	0	3	10	3		Bankura.	3			
...	18	8	18	8	20	0	200	0	200	0	240	0	10	4	11	7	3	13	0	3	13	0	3	7	0		Midnapore.	4			
...	18	4	18	4	...	...	160	0	160	0	120	0	10	0	10	0	11	4	3	10	6	3	10	6	3	6	0	Hooghly.	5		
...	12	8	12	8	11	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Howrah.	6			
...	11	5	11	10	11	0	105	0	105	0	105	0	10	0	10	10	3	12	0	3	12	0	3	8	0						
16	0	16	0	20	0	17	0	17	8	18	0	100	0	100	0	10	8	10	8	11	0	3	9	0	3	9	6	3	4	6	24-Parganas	7	
21	0	21	0	18	4	18	13	19	6	12	5	94	0	94	0	93	0	11	3	11	0	9	8	3	9	0	3	10	0	4	0	Calcutta.	8
...	17	12	18	8	22	0	128	0	128	0	128	0	10	5	9	1	10	0	3	13	0	3	14	0	3	8	0		Nadia.	9	
...	20	0	20	0	17	0	200	0	200	0	200	0	10	8	10	8	10	8	3	8	0	3	8	0	3	7	0		Murshidabad.	10	
...	20	0	20	0	13	0	120	0	120	0	120	0	10	0	9	14	4	0	0	4	0	0	4	0	0	3	10	0		Jessore.	11
...	12	0	9	8	9	11	160	0	160	0	160	0	8	0	8	0	9	0	4	0	0	4	0	0	3	12	0		Khulna.	12	
...	21	3	21	3	20	11	240	0	240	0	240	0	9	0	9	0	9	9	4	0	0	4	2	8	3	10	8		Rajshahi.	13	
...	19	0	19	0	14	12	120	0	120	0	160	0	9	0	10	0	10	8	4	4	0	4	0	0	3	12	0		Dinaipur.	14	
...	10	0	10	0	9	0	160	0	160	0	120	0	9	0	9	0	10	0	4	2	0	4	4	0	4	0	0		Jalpaiguri.	15	
20	0	20	0	12	0	8	0	8	0	8	0	120	0	120	0	8	0	8	0	8	0	4	12	0	4	12	0	4	10	0		Darjeeling.	16
...	9	0	9	0	8	0	80	0	70	0	80	0	9	0	9	0	9	0	3	8	0	3	8	0	4	0	0		Rangpur.	17	
...	90	0	90	0	90	0	9	0	9	0	9	10	4	5	4	4	5	4	3	13	4		Bogra.	18	
...	20	0	20	10	22	8	200	0	200	0	200	0	9	12	9	12	10	8	3	13	3	3	13	6	3	10	0		Pabna.	19	
...	20	0	20	0	...	...	120	0	120	0	130	0	8	0	8	0	10	0	4	0	0	4	0	0	3	10	0		Dacca.	20	
...	13	0	13	0	13	0	100	0	100	0	120	0	8	0	8	0	10	0	4	0	0	4	0	0	4	0	0		Mymensingh.	21	
...	200	0	200	0	...	...	9	8	9	0	10	12	4	6	0	4	8	0	3	12	0		Faridpur.	22	
...	11	4	...	...	...	...	80	0	80	0	82	0	10	0	10	0	10	0	3	12	0	...	...	3	10	0		Backergunge.	23		

- K In the subdivisions the retail prices of salt per rupee are :—Bagerhat 8 seers and Satkhira 10½ seers.
 L In the subdivisions the retail prices of salt per rupee are :—Nator 9 seers and Naugaon 8 seers 11 chitaks.
 M At Alipur the retail price of salt is 8 seers per rupee.
 N In the subdivisions the retail prices of salt per rupee are :—Kurigan 8 seers, Gaibanda 10 seers and Nilphamari 9 seers.
 O At Sirajganj the retail price of salt is 10 seers per rupee.
 P In the subdivisions the retail prices of salt per rupee are :—Madanganj 11 seers, Manikganj 9 seers, Mirkadin hat 10 seers 10 chitaks, Munshirhat 10 seers 10 chitaks.
 Q In the subdivisions the retail prices of salt per rupee are :—Jamalpur 8 seers, Kishorganj 8 seers, Notrakona 8 seers, and Kagnari 10 seers.
 R In the subdivisions the retail prices of salt per rupee are :—Madaripur 9½ seers and Goalundo 10 seers.
 S In the subdivisions the retail prices of salt per rupee are :—Pirojpur 8 seers, Patiahtali 9 seers and Bhola 8 seers.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the Head-quarters

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN															
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLUM. (Sorghum Vulgare.)			
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
BENGAL—continued.																	
CHITTAGONG DIVISION.	24	Tippera ...	10 0	9 8	11 0	...	...	...	9 0	9 8	9 0	10 8	11 4	12 0	...	...	...
	25	Noakhali (Kali-tar hát.	...	...	...	...	...	...	9 4	10 0	11 0	11 0	11 4	12 0	...	...	...
	26	Chittagong ...	11 0	11 4	8 12	...	...	...	10 0	11 8	11 8	11 14	13 0	12 12	...	...	...
BIHAR.																	
PATNA DIVISION.	27	Patna ...	18 0 17 0	18 0 White. 17 0	14 0	25 0	22 0	20 0	10 0	10 0	9 8	15 8	17 0	16 0	16 0	20 0	20 0
	28	Gaya ...	14 8	13 0	11 8	19 4	23 0	18 8	10 4	11 0	10 0	16 0	15 0	13 8	19 0	19 4	18 12
	29	Shahabad* ...	...	14 0	12 0	...	...	14 0	...	8 0	8 0	...	15 0	15 0	...	...	...
	30	Saran ...	14 8	14 0	12 0	new 22 0	20 0	22 0	10 0	10 8	10 0	14 8	14 8	14 8	...	...	...
	31	Champaran ...	12 4	13 8	10 8	24 0	...	...	8 8	8 8	8 8	15 4	15 8	15 0	...	...	...
	32	Muzaffarpur ...	13 0	13 0	11 0	20 0	20 0	20 0	8 0	8 0	8 0	14 8	14 1	14 0	...	...	...
	33	Darbhanga ...	13 3	15 6	11 0	24 3	22 0	11 0	13 5	13 5	11 0	16 8	16 8	14 5	...	...	...
BHAGALPUR DIVISION.	34	Monghyr ...	14 11 to 15 12	15 12 to 17 5	10 8 to 13 1½	21 0	16 13 to 17 14	15 12 to 16 13	10 8	10 0 to 12 0	7 14 to 9 0	14 11 to 15 12	14 3	...	...	...	18
	35	Bhagalpur ...	15 0	16 6	12 10	21 7	20 3	12 10	12 10	12 10	12 10	16 6	16 6	15	...	...	...
	36	Purnea (Kasba) ...	16 0	18 0	8 0	...	...	...	13 0	13 0	13	15 0	16 0	14 0	...	...	...
	37	Malda (English Bazar),	16 0	17 0	12 8	...	...	...	10 0	10 0	11 0	15 0	15 0	13 0	...	...	...
	38	Sonthal Parganas.	12 8	12 8	9 8	...	...	...	12 0	12 0	11 8	16 0	16 0	14 0	...	...	...
ORISSA.																	
ORISSA DIVISION.	39	Cuttack ...	14 7	14 7	10 8	...	...	...	10 8	10 8	10 8	16 7	16 7	14 7	...	...	...
	40	Balasore ...	14 0	14 0	11 0	8 0	8 0	10 0	12 0	12 0	10 0	18 0	18 0	15 0	...	...	...
	41	Puri ...	10 8	11 13	9 3	...	...	...	7 14	7 14	9 3	17 1	17 4	14 7	...	...	...
CHOTA NAGPUR.																	
CHOTA NAGPUR DIVISION.	42	Hazaribagh* ...	12 8 Red. 11 0	8 8 to 11 0	16 0	13 12	...	...	8 0	8 0	...	15 0	12 12	...	...	...	...
	43	Lohardaga (Ranchi).	12 0 8 0 to 10 0	11 0 White. 8 0 to 9 8	6 0 to 7 0 5 0	18 0 to 20 0	14 0 to 16 0	11 0	13 0 to 14 0	13 0 to 14 0	11 0	16 0 to 18 0	15 0 to 17 8	12 0 to 14 0	...	...	...
	44	Palamau ...	14 10	13 8	10 2	...	...	...	11 4	11 4	10 11	15 3	15 12	14 1	...	...	...
	45	Manbhum ...	14 0	14 0	11 8	20 0	...	...	10 8 to 13 0	10 8 to 14 0	9 0 to 9 8	14 8 to 16 0	15 8 to 17 0	11 0 to 12 0	...	...	...
	46	Singhbhum ...	12 0	12 0	12 0	...	...	...	12 0	12 0	10 0	14 0	16 0	14 0	...	...	...

* Present return not received.

- T In the subdivisions the retail prices of salt per rupee are :—Brahmanbaria 8 seers and Chandpur 8 seers.
 U At Fenny bazar the retail price of salt is 8 seers per rupee.
 V In the subdivisions the retail prices of salt per rupee are :—Barh 10½ seers, Bihar 10½ seers, and Dinapore 9½ seers.
 W In the subdivisions the retail prices of salt per rupee are :—Jahanabad 10 seers, Aurangabad 9½ seers and Nawada 9 seers.
 X In the subdivisions the retail prices of salt per rupee are :—Siwan 10 seers 6 chitaks and Gopalganj (Mirganj) 11½ seers.
 Y At Bettiah the retail price of salt is 10 seers per rupee.
 Z In the subdivisions the retail prices of salt per rupee are :—Hajipur 10 seers and Sitamarhi 11 seers.
 Z1 In the subdivisions the retail prices of salt per rupee are :—Madhubani 11 seers and Samastipur 10 seers.

CALCUTTA,
The 20th March, 1894.

SEERS OF 80 TOLAHS.

BAJRA OR CUMBU. (<i>Pennisetum typhoidum.</i>)			MARUA OR RAGI. (<i>Eleusine Corocana.</i>)		
Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding re- turn.	Corresponding re- turn of last year.

S. Ch. S. Ch. S. Ch. S. Ch. S. Ch. S. Ch.

...
...
...

...	...	19 0	...	...	...
5 4	15 4	19 0	...	...	...
...
...	...	...	20 0	20 0	18 0
...	...	...	...	21 0	23 8
...	...	...	20 0	20 0	...
...	...	...	24 3	23 1	24 3

...
...
...
6 3	16 0	18 0	...	...	...
...

...
...
...

...	...	...	...	24 0	22
...	...	...	31 0	31 0	25 0
...
...
...

KANGNI OR KAKUN, ITALIAN MILLET. (<i>Setaria italica</i> .)									GRAM, CHANA, CHHOLA, KADALA OR SUNAGA. (<i>Cicer arietinum</i> .)								
Present return.	Next preceding re- turn.	re- turn of last year.	Present return.	Next preceding re- turn.	re- turn of last year.	Present return.	Next preceding re- turn.	re- turn of last year.	Present return.	Next preceding re- turn.	re- turn of last year.	Present return.	Next preceding re- turn.	re- turn of last year.	Present return.	Next preceding re- turn.	re- turn of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	14 0	16 0	12	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	12 8	12 8	8	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	12 8	13 0	11	...	...	...	...	...	...	...	...	...	...	...	...
20 0	20 0	20 0	23 0	23 0	18 0	...	...	...	...	...	...	...	...	...	...	...	...
14 4	14 4	16 4	22 0	22 0	13 0	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	22 0	14 0	...	...	...	...	...	...	...	...	...	...	...	...
16 0	18 0	16 0	21 4	22 0	16 0	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	23 8	21 0	14 1	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	19 8	19 0	16 0	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	23 1	23 1	16 0	...	...	...	...	...	...	...	...	...	...	...	...
13 10	12 10	14 11	24 0	22 0	14 1	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	20 3	20 3	14 0	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	25 0	25 0	11 0	...	...	...	...	...	...	...	...	...	...	...	...
13 0	13 0	16 0	16 0	14 0	10 0	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	16 0	16 0	12 0	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	26 7	17 2	20 0	Kakai or Biri.			...	...	...	...	...	...	...	...	...
...	...	...	12 0	15 0	12 0	(Chhola.)			...	...	...	...	...	...	...	...	...
...	...	...	16 0	16 0	16 0	Kakai or Biri.			...	...	...	...	...	...	...	...	...
...	...	...	15 1	13 11	18 0	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	16 0	13 0	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	13 0	14 0	10 0	{			...	...	...	...	...	...	...	...	...
...	...	...	15 0	15 0	...	to			...	...	...	...	...	...	...	...	...
...	...	...	21 15	...	10 2	to			...	...	...	...	...	...	...	...	...
...	...	...	17 0	16 0	12 8	{			...	...	...	...	...	...	...	...	...
...	...	...	12 0	12 0	12 0	to			...	...	...	...	...	...	...	...	...

Station Bazars of the Districts of Bengal on the 15th March, 1894—(concluded).

												WHOLESALE PRICES PER MAUND OF 40 SEERS.						DISTRICTS.	Number.
INDIAN-CORN OR MAIZE. (Zea Mays.)			ARHAR OR THUR, CADJAN PEA. (Cajanus indicus.)			FIREWOOD.			SALT.			SALT.							
Present return.	Next return.	Corresponding return of last year.	Present return.	Next return.	Corresponding return of last year.	Present return.	Next return.	Corresponding return of last year.	Present return.	Next return.	Corresponding return of last year.	Present return.	Next return.	Corresponding return of last year.					
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	BENGAL—continued.				
...	...	...	8 0	10 8	12 0	...	...	...	T 8 0	10 0	10 13½	4 4 0	4 0 0	3 12 0	Tippera.	24
...	...	...	...	...	...	...	...	...	U 8 0	8 0	10 0	4 8 0	4 8 0	3 12 0	Nonkhali Kalitar hát.	25
...	...	...	...	...	...	80 0	80 0	106 0	10 0	10 0	10 0	3 14 0	3 14 0	3 13 0	Chittagong.	26
																BIHAR.			
22 0	23 0	21 0	25 0	25 0	20 0	130 0	130 0	130 0	V 11 0	11 0	11 8	3 10 0	3 10 0	3 8 0	Patna.	27			
...	...	18 0	19 0	21 0	19 0	120 0	120 0	120 0	W 9 12	9 12	10 0	4 1 0	4 1 0	3 12 0	Gaya.	28			
...	...	18 0	20 0	19 0	20 0	120 0	160 0	...	...	10 8	11 0	3 14 0	3 10 0	3 10 0	Shahabad.	29	
20 8	20 8	20 8	24 0	24 8	18 0	200 0	200 0	200 0	X 9 12	10 0	10 12	4 1 0	4 0 0	3 10 6	Saran.	30			
17 10	18 0	21 8	22 12	22 0	15 4	180 0	180 0	160 0	Y 10 8	10 8	10 8	3 12 0	3 12 0	3 12 0	Champaran.	31			
19 0	18 8	21 0	21 8	21 8	17 0	160 0	160 0	160 0	Z 11 0	11 0	11 0	3 10 0	3 10 0	3 10 0	Muzaffarpur.	32			
19 12	20 14	21 0	24 3	23 1	15 5	176 0	176 0	176 0	ZI 11 0	11 0	10 5	3 8 0	3 8 0	3 12 0	Darbhanga.	33			
22 0	19 15 21 0	19 8 21 0	23 1	16 13 21 0	15 11 16 4	126 0 168 0	126 0 168 0	126 0 168 0	a 10 8	10 0	10 12	3 14 0	3 11 0	3 7 6	Monghyr.	34			
20 3	21 4	20 3	16 6	16 6	15 12	125 4	126 8	151 8	b 10 0	10 1	10 11	4 0 0	4 0 0	3 12 0	Bhagalpur.	35			
...	...	...	16 0	16 0	18 0	320 0	320 0	320 0	c 10 0	10 0	10 0	4 0 0	4 0 0	3 10 2	Purnea (Kasba).	36	
25 0	24 0	...	13 0	13 0	12 0	100 0	120 0	160 0	...	9 0	9 0	...	...	...	Malda (English Bazar).	37
21 0	21 0	23 0	...	19 0	22 8	140 0	130 0	200 0	d 10 0	10 0	10 8	3 12 0	3 12 0	3 10 3	Sonhal Parganas.	38			
																ORISSA.			
...	...	...	19 0	21 0	19 1	80 0	80 0	80 0	e 10 12	9 4	10 12	3 12 0	3 12 0	3 6 0	Cuttack.	39	
...	...	...	11 0	11 0	10 12	130 0	130 0	160 0	f 10 8	10 8	11 0	3 12 0	3 12 0	3 10 0	Balasore.	40	
...	...	...	17 11	17 11	15 12	80 0	80 0	80 0	...	10 10	10 8	3 10 0	3 10 0	3 5 0	Puri.	41	
																CHOTA NAGPUR.			
...	18 0	17 0	...	18 0	15 0	240 0	240 0	...	8 0	9 0	...	4 8 0	3 15 0	...	Hazaribagh.	42			
20 0	20 0	18 0	Big. 10 0	Big. 12 0	Big. 14 0	160 0	160 0	140 0	9 0	9 8	9 8	4 5 0	4 4 0	4 0 0	Lohardaga. (Ranchi).	43			
23 10	23 10	24 8	Small. 17 8	Small. 18 8	Small. 17 0	...	...	...	8 7	9 0	8 4½	...	...	...	Palamau.	44
28 0	28 0	18 0	20 0	20 0	18 0	...	...	...	g 9 2	9 2	10 10	4 0 0	4 0 0	3 10 0	Manbhum.	45
...	...	...	16 0	16 0	14 0	100 0	100 0	100 0	8 0	8 0	9 0	4 6 0	4 6 0	4 6 0	Singbhum.	46	

- a In the subdivisions the retail prices of salt per rupee are :—Bogusarai 10 seers and Jamui 10 seers.
b In the subdivisions the retail prices of salt per rupee are :—Banka 9 seers 6 chitaks, Madhipura 9½ seers, and Supaul 10 seers.
c In the subdivisions the retail prices of salt per rupee are :—Kishanganj 9 seers and Arraria 9 seers.
d In the subdivisions the retail prices of salt per rupee are :—Dooghur 10½ seers, Godda 9 seers, Jamtara 9 seers, Pakur 10½ seers, and Rajmahal 10 seers.
e In the subdivisions the retail prices of salt per rupee are :—Jajpur 9 seers, Kendrapara 9 seers, and Banki 11 seers.
f At Bhadrak the retail price of salt is 9 seers per rupee.
g At Gobindpur the retail price of salt is 11 seers per rupee.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt

Number.	MARTS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 0 0	3 1 0	3 7 0	2 6 6	2 7 0	2 5 0	5 4 0	5 5 0	5 9 0	3 15 0	3 15 3	4 0 0
2	Sirajganj ...	2 6 0	2 8 0	2 14 0	...	...	...	...	5 8 0	6 0 0	3 8 0	3 8 0	3 6 0
3	Dacca ...	3 0 0	3 4 0	...	...	...	...	4 8 0	4 8 0	3 10 0	3 4 0	3 12 0	3 6 0
	Narayanganj ...	...	...	...	...	...	...	3 13 0	4 4 0	4 0 0	3 2 0	3 8 0	3 6 0
5	Chittagong ...	3 6 0	3 4 0	4 8 0	...	...	...	4 0 0	3 6 0	3 6 0	3 5 0	3 0 0	3 1 0
6	Patna ...	2 3 6	2 3 6	2 13 6	1 9 6	1 13 0	2 0 0	4 0 0	4 0 0	4 3 10	2 9 3	2 6 0	2 0
		2 6 0	2 6 0	3 0 0									
7	Balasore ...	2 12 0	2 12 0	3 8 0	4 12 0	4 12 0	3 12 0	3 0 0	3 0 0	3 12 0	2 2 0	2 2 0	2 10 0
8	Puri ...	3 6 0	3 3 0	4 4 0	...	...	...	5 1 0	5 1 0	4 4 0	2 4 0	2 3 0	2 11 0
	Cuttack ...	2 12 0	2 12 0	3 10 0	...	...	...	3 10 0	3 10 0	3 10 0	2 7 0	2 0	2 12 0

CALCUTTA,
The 20th March, 1894.

PRICES PER MAUND					
JOWAR OR CHOLU. (<i>Sorghum Vulgare</i> .)			BAJRA OR CUMBU. (<i>Pennisetum typhoides</i> .)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.	R.A.P.
2 0 0	2 0 0	2 2 0	2 9 0	2 8 3	...
...
...
...
...
...
8 0	2 0 0	2 0 0	...	...	2 1 3
...
...
...

OF 40 SEERS.					
MARUA OR FAGI. (<i>Eleusine Corocana.</i>)			KANGNI OR KARUN, ITALIAN MILLET. (<i>Setaria italica.</i>)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
...	5 2 0 4 15 0	...	...
...
...
...
...
...
...	2 0 0 2 0 0 2 0 0	...	...
...
...
...

in the undermentioned Marts of Bengal on the 15th March, 1894.

GRAM, CHANA, CHHOLA, KADALAY OR SUNAGA. (Cicer Arietinum.)			INDIAN-CORN OR MAIZE. (Zea Mays.)			ARHAR OR THUR, CADJAN PEA. (Cajanus indicus.)			FIREWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
2 7 0	2 8 3	2 11 6	1 13 3	1 13 3	2 0 0	2 2 0	2 1 0	3 3 0	0 6 9	0 6 9	0 7 0	3 9 0	3 10 0	4 0 0	Calcutta.
2 6 0	2 8 0	2 14 0	...	...	...	...	...	...	0 6 6	0 6 6	0 6 6	3 14 0	3 14 0	3 8 0	Sirajganj.
2 4 0	2 4 0	...	...	...	...	2 0 0	2 0 0	...	0 5 0	0 5 0	0 5 0	4 0 0	4 0 0	3 10 0	Dacca.
2 0 0	2 0 0	...	...	...	...	1 12 0	1 12 0	...	0 6 0	0 6 0	0 5 0	3 10 0	3 14 0	3 10 0	Narayangan.
2 0 0	3 0 0	3 8 0	...	...	...	...	...	...	0 8 0	0 8 0	0 6 0	3 14 0	3 14 0	3 13 0	Chittagong.
1 11 6	1 11 6	2 3 6	1 13 0	1 11 6	1 14 6	1 9 6	1 9 6	2 0 0	0 5 0	0 5 0	0 5 0	3 10 0	3 10 0	3 8 0	Patna.
2 14 0	2 14 0	2 14 0	...	...	...	3 8 0	3 8 0	3 10 0	...	...	...	3 12 0	3 12 0	3 10 0	Balasore.
2 7 0	2 13 0 (Kalai)	2 2 0	...	...	...	2 1 0	2 4 0	2 8 0	0 8 0	0 8 0	0 8 0	3 11 0	3 10 0	3 5 0	Puri.
2 7 0	2 2 0	2 0 0	...	...	...	2 0 0	2 0 0	2 0 0	0 0 8 0	0 8 0	0 8 0	3 12 0	3 12 0	3 6 0	Cuttack.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

December 1893.

[illegible]

Results of the Meteorological Observations taken at the Alipore Observatory from
11th to 17th March 1894.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1894.		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
March	11th	144.5	6.8	29.787	77.7	89.8	25.6	64.2	73.7	0.780	71.8	83	SSW and variable	150	1.01	Chiefly cloudy, o g, p, t,
"	12th	139.3	10.2	.854	74.5	83.9	18.7	65.2	63.4	.440	55.4	54	NW, WNW and WSW.	100	Nil	Clear.
"	13th	138.5	10.2	.962	73.2	85.8	25.2	60.6	62.4	.422	54.2	56	WNW and WNW.	44	"	Clear,
"	14th	140.8	7.1	.966	75.2	86.8	22.6	64.2	70.5	.689	68.1	80	SSW, S and Calm.	54	"	Chiefly clear,
"	15th	144.6	8.9	.922	78.8	88.1	17.2	70.9	74.0	.776	71.6	80	S and SSW	114	"	Chiefly clear,
"	16th	146.3	10.1	.880	80.4	92.9	22.6	70.3	73.4	.730	69.8	74	SSW, SW and S by W.	104	"	Clear
"	17th	147.4	9.7	.830	82.9	96.5	23.1	73.4	73.1	.684	67.9	60	S by W and SSW	176	"	Clear.

The mean pressure of the seven days	...	...	...	Inches.	29.886
The average pressure of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	29.833
The total number of hours of bright sunshine	...	...	...	Hours.	63.0
The maximum possible number of hours of sunshine	...	...	...	...	83.6
The mean temperature of the seven days	...	...	...	...	77.5
The average temperature of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	80.0
The extreme variation of temperature	...	...	...	...	35.9
The maximum temperature	...	...	...	...	96.5
The highest velocity of the wind in one hour	...	...	...	Miles.	17
The mean relative humidity	...	...	...	%	70
The average relative humidity of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	66
The total fall of rain from 11th to 17th March 1894	...	...	...	Inches.	1.01
The average fall of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	0.15
The total fall from 1st January to 17th March 1894	...	...	...	...	1.75
The average fall of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	2.39

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; g, gloomy; p, passing temporary showers; t, thunder; , lightning; , strong wind;

, hail; , dew; , fog.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 19th March 1894.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY
THE 17TH OF MARCH 1894.**

Weather towards the close of the previous week had been generally fine and settled but on the 10th instant, or on the last day of that week, pressure had become in slight to moderate defect, and moist southerly winds had set in from the Bay at the southern stations, so that conditions were favourable for slightly disturbed weather to commence. On the 11th a brisk fall of pressure had occurred over Chota Nagpur and the neighbouring districts, and a distinct barometric depression was formed, winds at the neighbouring stations also showing distinct indraught towards the depression. Conditions were hence decidedly disturbed, and numerous local storms with rain occurred, in some cases also accompanied by hail, and on the morning of the 12th rain was reported fairly generally in the districts of 24-Parganas, Jessore, Dacca, Mymensingh and Tippera, and a few local showers fell in other districts. On the morning of the 12th the small depression had moved away rapidly in a south-easterly direction, for pressure was falling and was low in South-East Bengal, while over the west of the province pressure had increased rapidly. The low pressure area was, however, of little importance, and beyond a heavy shower (1·88 inches) at Chittagong, measured on the 13th, there were no local storm of any importance. On the 13th a further rapid increase of pressure took place in Bengal, and it became in excess by amounts ranging up to more than a tenth of an inch. The distribution of pressure indeed became more like that of February than that of March, and dry north-westerly winds with decidedly low temperature set in, the mean temperature being more than 5° in defect over a large part of the province. On the 14th the changes were unimportant, but on the 15th the high pressure began to give way and a moderate fall set in over Bengal on this day, and also on the 16th and 17th, when pressure became almost normal. At the same time also temperature began to rise decidedly, and by the 17th or the last day of the week it was about 1° to 2° in excess. With the falling pressure also the north-westerly winds gradually retreated, and on the 17th moist south-westerly winds were blowing in the west and south of the province, though in North Bihar and parts of North Bengal winds were north-easterly. During the last five or six days of the week also weather was settled in practically all districts, and except for a few local storms with rain reported on the morning of the 16th, the province was rainless for this period.

Pressure—Was in defect at the beginning of the week, decidedly in excess in the middle, and normal at its close. Hence the variations of pressure from the normal have not been large, and there has been an excess usually of about 0·03 inch to 0·05 inch.

Temperature—Owing to the rather cool wave which passed over the province in the middle of the week under review, the average mean temperature has been in defect by 1·1°. The largest defects have, however, been registered in East Bengal and Bihar, where they have equalled about 2°.

The actual temperatures registered during the week, and their variations from the normal temperature for the present season, are most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the week at nine typical stations in the province are compared with the normal values for the same period. The day or maximum readings for the week have shown a decidedly lower temperature than usual, and the defect at the nine stations in the maximum or day temperature has equalled 2·3°, while in the night or minimum temperature the defect has averaged 2·1°.

Table showing the excess or defect of the actual mean temperature from the normal for the week ending Saturday, the 17th of March 1894.

	Normal mean maximum temperature for the week ending 17th March.	Actual mean maximum temperature for the week ending 17th March 1894.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 17th March.	Actual mean minimum temperature for the week ending 17th March 1894.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 17th March.	Actual mean daily temperature for the week ending 17th March 1894.	Variation of actual mean from the normal.
Outtack	96·2	96·1	-0·1	72·2	73·5	+1·3	84·2	84·8	+0·6
Calcutta	90·1	87·8	-2·3	69·2	67·6	-1·6	79·7	77·8	-1·9
Chittagong	86·2	83·6	-2·6	67·3	65·7	-1·6	76·8	74·6	-2·2
Burdwan	83·2	81·1	-2·1	68·2	67·2	-1·0	79·2	79·2	-1·5
Patna	90·0	88·0	-2·0	63·0	60·0	-3·0	76·5	73·5	-3·0
Gaya	82·8	81·1	-1·7	63·3	59·9	-3·4	79·1	75·5	-3·6
Purnea	89·1	86·3	-2·8	59·6	55·7	-3·9	74·4	71·1	-3·3
Hazaribagh	87·6	84·9	-2·7	62·9	60·6	-2·3	75·3	73·8	-1·5
Darjeeling	86·0	81·2	-4·8	41·9	39·6	-2·3	49·0	45·4	-3·6

Rainfall—Calcutta and the Dacca district have received a little more than an inch of rain, while the Chittagong district has averaged 0·94 inch. In the Midnapore, Howrah, Jessore and Tippera districts the falls have averaged between a quarter and half an inch. Small falls have also occurred in 24-Parganas, South Lushai Hills and Outtack districts, but in such cases as Hooghly, Khulna, Darjeeling and Bogra districts, though they have received rain, the amounts have averaged considerably less than a tenth of an inch.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 17th of March 1894:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.						RAINFALL.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 16th Oct. 1893.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
South-West Bengal ...	99.3	53.3	90.8	66.3	78.6	-1.1	0.12	0.24	-0.12	0.20	0.45	-0.25	0.55	0.74	3.17	4.91
North Bengal ...	92.5	50.1	86.6	57.9	72.3	-1.3	Nil	0.20	-0.20	0.00	0.35	-0.35	0.19	0.49	3.70	3.58
East Bengal ...	87.6	54.1	84.3	65.9	75.1	-1.4	0.48	0.60	-0.12	0.72	0.73	-0.01	4.71	1.41	9.82	6.22
Bihar ...	97.3	49.9	88.3	58.4	73.5	-2.3	Nil	0.07	-0.07	0.00	0.16	-0.16	0.10	0.26	5.00	2.77
Orissa ...	98.2	64.7	88.8	73.0	80.9	+0.3	0.10	0.18	-0.08	0.20	0.39	-0.19	0.30	0.54	6.00	6.54
Chota Nagpur* ...	99.7	53.7	89.1	61.9	75.5	-0.6	Nil	0.40	-0.40	0.00	0.37	-0.37	0.03	0.83	3.92	3.84

* Daltongunj not included.

METEOROLOGICAL OFFICE, BENGAL,
The 20th March 1894.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 11th to 17th March 1894.

MONTH.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Falt.	TEMPERATURE.					HYGROMETRY.				Rainfall, past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
March	11th	29.859	81.7	91.0	18.7	72.3	84.6	76.5	.805	72.7	68	Nil
"	12th	.931	74.4	85.4	22.0	63.4	77.6	59.7	.276	42.8	29	0.56
"	13th	30.025	74.2	87.0	25.7	61.3	80.6	61.7	.299	44.9	29	...
"	14th	.048	77.0	89.0	24.1	64.9	76.6	73.6	.784	71.9	86	...
"	15th	29.999	80.2	90.0	19.7	70.3	84.6	77.5	.850	74.3	72	...
"	16th	.971	82.6	95.0	24.8	70.2	85.4	78.5	.883	75.5	72	...
"	17th	.911	85.1	97.4	24.6	72.8	86.6	76.5	.778	71.7	62	...

The mean 10 A.M. pressure of the seven days	...	...	...	Inches.	29.963
The mean temperature of the seven days	...	...	...	°	79.3
The extreme variation of temperature	...	...	...	°	36.1
The maximum temperature	...	...	...	°	97.4
The mean 10 A.M. relative humidity of the seven days	...	...	...	%	60
The total fall of rain from 11th to 17th March 1894	...	...	...	Inch.	0.55
The daily mean temperatures are the crude means of maximum and minimum temperatures.					

C. LITTLE,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,
The 19th March 1894.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, MARCH 28, 1894.

OFFICIAL PAPERS.

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SURVEY AND SETTLEMENT OF THE HUKUMAPUR ESTATE IN THE DISTRICT OF BIRBHUM BELONGING TO THE BURDWAN RAJ.

REVENUE DEPARTMENT—LAND REVENUE.

Calcutta, the 27th March 1894.

RESOLUTION—No. 1684.

READ—

Letter No. 994A, dated the 19th September 1893, from the Board of Revenue, submitting the final report of the survey and settlement of the Hukumapur estate in the district of Birbhum belonging to the Burdwan Raj.

The Settlement Officer's completion report of the survey and settlement of the Hukumapur estate, which is dated the 26th April 1892, reached the Director of Land Records in September 1892, but was not submitted to the Board till 1st July 1893. His Honour hopes that such unusual delays will not recur in future.

2. Hukumapur is a small estate, comprising 88 villages, in the district of Birbhum, the sole proprietor of which is the Maharaja of Burdwan. The area of the estate, according to the recent survey, deducting 556 acres measured but found to belong to other estates, is 15,127 acres, or not quite 24 square miles, and the Government revenue amounts to Rs. 4,454. At the revenue survey of 1852, about one-third of the estate was covered with forest, much of which has since disappeared, but the Sadar station of the district still draws its supply of firewood and charcoal from Hukumapur. The total population of the tract by the last

census is 7,872 souls (consisting of 3,867 males and 4,005 females), of whom 615 are Sonthals and 85 Dhangars, and the rest Hindus, semi-Hinduised aborigines, and Muhammadans. The Hukumapur estate originally belonged to the Mussalman Raja of Nagar, but was sold for arrears of revenue in 1844, and was purchased by the Burdwan Raj. The estate was let out in patni, but had to be brought to sale several times under Regulation VIII of 1819. Ultimately in 1886 the Raj bought back the tenure, and has ever since held it khas. No records exist of any previous settlement, nor does it appear that any regular settlement was ever made of the whole tract. The survey settlement including the preparation of a record of rights of this estate, as also of certain other khas mahals appertaining to the Burdwan Raj, was sanctioned on the recommendation of the Joint-Manager, Mr. H. R. Reily, who reported that the rent-rolls were in confusion. The notification ordering the survey dated the 15th January 1889 was issued under section 101 (2) (c) of the Bengal Tenancy Act. Babu Binode Bihary Sircar was appointed Settlement Officer, but was succeeded in October 1889 by Babu Sukumar Haldar, who remained in charge till the operations were concluded. By August 1889 the Survey Department, by whom the survey was made, had delivered the records of all the villages to the Settlement Officer, who published them finally under section 105 (2) of the Tenancy Act before the end of June 1891, and the work, including the distribution of copies of the khatians to landlords and tenants, but excluding the writing of the completion report, was finished in October 1891.

3. Considering the size of the estate, the operations were much protracted, with the result that the total cost, including the cost of the survey and settlement of the small estates of Panchberia and Chandnihat in the same district, with a combined area of 537 acres which also belong to the Burdwan Raj, amounted to Rs. 29,267, distributed as follows:—

	Rs.
Traverse and cadastral survey, including record-writing and stone embedding	10,500
Settlement	18,767
Total ...	29,267

The total area, including the area of the Panchberia and Chandnihat estates, being 15,664 acres, the cost of survey alone amounts to 10 annas 8 pies per acre, and that of settlement to Re. 1-3-2 per acre. Taking the figures in further detail, the cost of the traverse survey alone was annas 2-1 per acre, of the field survey annas 4-2 per acre, and of the record-writing annas 3 per acre. The pay of the Settlement Officer alone was more than half the cost of the entire settlement operations, and fell at the rate of annas 10 3 per acre.

4. These figures of expenditure, as well as the great delay which occurred in completing so small a settlement, are extremely unsatisfactory, and various explanations are given in the reports submitted, which may be summed up in one comprehensive phrase, the inexperience of the establishment. The high cost of the survey operations is attributed by the Director, Mr. Macpherson, to the fact that the records were written by amins who were strangers to the people and the language, and without the superintendence of Revenue Officers, who, when they came to carry out the settlement work, found numerous defects in the records. These faults in the system have now been cured by the appointment of Colonel Sandeman as Director of Bengal Surveys, and by the rules under which Survey and Revenue Officers co-operate from the beginning in the preparation of the village records. The delay and the expensiveness of the settlement operations are attributed by the Board to (1) the attempt to assess rents by soil rates, and (2) to the action, and sometimes the inaction, of the Raj establishment. As to the first cause it was pointed out by the Lieutenant-Governor in May 1891 that the suggestion to adopt soil rates for the fixation of rents, which was tried only in a single village and found to be impracticable, can hardly have been responsible for any great portion of the delay. The second cause was undoubtedly the principal one. The Settlement Officer writes:—"No one was appointed by the Manager Mr. H. R. Reily with powers to deal with questions that arose on the spot without reference to

himself. It was only after the proceedings had dragged on for over twelve months (during which time the local agents of the estate, to shirk responsibility as they explained to me, raised endless objections to the recorded entries, and contested the fairest objections raised by the tenants without having power to settle them amicably, except by reference to the Manager at Burdwan) that Babu Mohesh Chandra Singh was sent with full powers to settle matters amicably. I am convinced that if such an officer had been deputed from the commencement, the work could have been finished within a few months with far better results to the Raj." No doubt this is true, for the survey of this insignificant area should have been finished in three months and the settlement in three months more, at less than a quarter of the cost actually incurred. It may be added that the Settlement Officer himself should have co-operated to this end by representing at once to the proper authorities the block which was being caused by the incompetence of the management.

5. Another cause was the large number of disputes requiring judicial decision. All lakhiraj entries were contested on behalf of the Raj under section 106 of the Tenancy Act, but in the great majority of instances the claims put forward by the agents of the Raj had eventually to be abandoned. When the attempt to settle rents by soil class rates was given up, the Settlement Officer was requested by the Raj authorities to settle fair rents according to law, and on its being found that there was no evidence in the possession of the Raj on which claims to enhancement could be based, repeated adjournments were applied for, and much delay occurred in consequence. In fact little progress was made till finally terms of compromise were proposed and accepted by 572 out of a total number of 1,289 raiyats. The amount of actual case-work done is thus stated in the Director's letter to the Board:—

"The number of objections summarily decided by the Settlement Officer during the proceedings was 949; the number of applications for settlement of fair rents was 37, which covered all the tenants of the estate (who were sued in groups), and the number of disputes decided under section 107 of the Tenancy Act was 861, of which 539 were contested."

6. The cultivated area of the Hukumapur estate increased from 14,951 bighas, according to the Revenue Survey of 1852, to 19,141 bighas in 1889, and the rental has increased under the present settlement from Rs. 11,685 (according to a rent-roll drawn up by a Raj official in 1876) to Rs. 13,762, the increase (Rs. 2,077) being due to the assessment of lands recently brought under cultivation. Although therefore the cost of the operations has been high, in fourteen years the landlord will be more than reimbursed for the expenditure incurred by the increased rental. He has also protected his estate from further encroachments by persons claiming rent-free tenures. Moreover, he has now a correct rent-roll and a starting point for any fair and reasonable enhancements to which future changes may entitle him.

7. Having regard to the facts that the survey-settlement was undertaken for the benefit of the proprietor of the estate, and that much of the delay and expense was caused by the action or inaction of the Raj authorities, and also to the advantages gained by the Raj, as stated in the preceding paragraph, the Lieutenant-Governor agrees with the Board and the Director of Land Records that the entire cost of the operations should be borne by the Burdwan Raj.

8. The lands in the Hukumapur estate are classified as follows:—

		B.	K.	C.	Acres.
Rent-paying area	...	22,888	2	14	7,629
Rent-free area	...	3,968	17	11	1,323
Non-rent-paying area	...	18,523	12	14	6,175
Total	...	45,380	13	7	15,127

It is understood that the non-rent-paying area consists chiefly of jungle.

The Raj has no *nij-jole* lands, nor are there any tenure-holders except rent-free-holders on the estate. The following table gives particulars as to the number of tenants of each class and the cultivated areas held by them:—

Class of cultivators.	Number of holdings.	Cultivated area.	Average area per holding.	Rent.	Average rent per bigha.
1	2	3	4	5	6
<i>Raiyats.</i>					
Raiyats at fixed rates	18	B. K. C. 696 3 5	B. K. C. 38 13 8	Rs. A. P. 365 6 2	Bs. A. P. 0 8 4½
Settled raiyats	1,283	10,440 3 9	8 2 12	12,838 8 4	1 3 8
Occupancy raiyats	42	347 19 10	8 5 11	251 10 6	0 11 7
Non-occupancy raiyats	91	375 15 8	4 2 9	366 8 ½	0 13 0½
Total raiyati	1,434	11,860 2 0	8 5 6	13,762 1 0½	1 2 6
Rent-free holders	588	1,349 19 13	2 5 14	.....	.....
Chaukidar chakran	107	711 14 4	.....	.....	.....
Zamindari „	187	36 9 7	.....	.....	.....
Total rent-free and chakran	882	2,098 3 8	.....	.....	.....
GRAND TOTAL	2,316	13,958 5 8	.....	.....	.....
Under-raiyats	292	1,169 16 1	4 0 0	1,217 5 5	1 0 8

The following are the approximate areas under the different crops:—

	Acres.
Cereals and pulses	...
{ Rice	5,914 23
{ Wheat	78 63
{ Other food-grains (including pulses)	171 74
{ Oilseeds	64 79
{ Sugarcane	95 42
Fibres	...
{ Cotton	31 68
{ Jute	44
{ Other fibres	2 07
Total	6,359, or 19,236 standard
Area cropped more than once	16 bighas.

8. The settlement of the Panchberia estate, on which there are 230 tenants and under-tenants, was amicably concluded, and occupied only four days. The result shows an increase of rental from Rs. 1,128 to Rs. 1,246. The Chandnihat estate has 16 tenants and a rental of Rs. 6-13-8.

9. In paragraph 15 of his letter No. 1690T.A., dated the 1st July 1893, a copy of which accompanies the Board's letter, the Director of Land Records mentioned that he proposed to bring together in a note the discussions and decisions as to the proper method of dealing with claims to hold land rent-free. The Board are requested to favour the Lieutenant-Governor with a copy of the note if it has been received from the Director of Land Records.

ORDER.—Ordered that this Resolution be published in the *Calcutta Gazette*, and that a copy of it be forwarded to the Board of Revenue.

By order of the Lieutenant-Governor of Bengal,

C. E. BUCKLAND,

Secretary to the Government of Bengal.

RESOLUTION ON THE REPORT OF THE HEALTH OFFICER OF THE
PORT OF CALCUTTA FOR 1893.

No. 633Marine.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

Dated Calcutta, the 27th March 1894.

RESOLUTION.

READ—

Letter No. 1529 of 6th March 1894, from the Sanitary Commissioner for Bengal, submitting the report of the Health Officer of the Port of Calcutta for 1893.

Establishment.—Dr. Forsyth was the Health Officer of the Port of Calcutta from 1st January to 6th June, from 12th July to 14th August, and from 28th October to 29th December 1893. In the intervals Surgeon-Captain Green and Dr. Rigby officiated, and Surgeon-Major Macrae acted on the 30th and 31st December. The duties were carried out in the steam launch *Relief* and the steam cutter.

2. *Inspections.*—The number of inspections has again fallen off, the total number of vessels inspected during the year being 1,465, against 1,497 during 1892. The total number of vessels that arrived in port was 1,000, of which 750 were inspected. There were 1,040 departures, of which 715 were inspected.

3. In paragraph 2 of this Department's Resolution No. 1119Marine, dated 1st May 1893, it was requested that in future reports the reasons for the non-inspection of vessels should be given. This has not been done.

4. *Ventilation of crew's spaces, &c.*—Larger ventilating tubes have been placed in the fore-castle of several ships, and covered-in bathrooms for the use of the native crew have been built in others. The larger question of the measures to be adopted for the improvement of the fore-castle accommodation by the use of wooden sheathing and protective screens is under the consideration of Government.

5. *Sickness and mortality among European seamen.*—The number of European seamen who arrived in port during the year was 16,218, against 21,635 during the previous year. The daily average number in port was 2,081 against 2,133 in 1892. The total number of admissions into hospital was 1,560, and the death-rate per mille was 13·93. Including deaths out of hospital, the death-rate per mille during the year was 24·50 against 15·47 in 1892, 35·7 in 1891, and 32·1 in 1890. The total number of natural deaths was 36 against 25 and 42 in the two previous years. Of these 36 deaths, 29 occurred in hospital and 7 outside.

6. Of the admissions into hospital, 12 cases were due to cholera with 11 deaths. There were 13 admissions from scurvy, small-pox and sunstroke with no deaths. On board vessels, however, there were two cases of sunstroke, both terminating fatally. There were 15 cases of drowning, against 8 and 9 in the two previous years.

7. The Lieutenant-Governor observes that the Health Officer, in writing of the four cases of scurvy which occurred during the year, has given an account of the condition of each patient. Such accounts are of little or no value in an Administration Report. It would have been more to the point had the Health Officer stated if the vessels were properly provided with fresh meat and vegetables, lime juice, &c., or if there was any explanation for the outbreak of scurvy.

8. During the year three vessels arrived from Jeddah with pilgrims, viz., the S.S. *Sultan*, *Chollerton*, and *Maria Theresa*, and the deaths during the voyages were 77, 80 and 13 respectively. There were also several cases of smallpox on board on arrival. On an inspection of these vessels it was ascertained that in several instances the provisions of the Native Passenger Ships Act and the rules made under it for the conveyance of the Red Sea pilgrim traffic had been infringed; but as the vessels left port soon after arrival, no steps could be taken against them. Instructions have, however, since been issued to the officers concerned, so that in future, should any irregularities occur, prompt action will be taken and prosecutions for any infringement of the law instituted.

9. The information given in table E for native seamen should also be supplied for European seamen, so as to show the admissions and deaths for each Hospital separately. The necessary columns might be added to the present table C.

10. The following table shows the admissions into hospital of European seamen suffering from venereal diseases :—

Year.			Total admissions.	Rate per mille.
1883	...	...	237	127·4
1884	...	...	184	109·2
1885	...	...	170	100·4
1886	...	...	417	179·2
1887	...	...	228	120·4
1888	...	...	183	121·1
1889	...	...	186	114·3
1890	...	...	248	147·7
1891	...	...	185	129·7
1892	...	...	470	224·5
1893	...	...	386	185·4

Both the number of admissions and the ratio are larger than in any previous year except 1892.

11. There were 31 deaths at sea, against 43 and 28 in the two previous years.

12. *Sickness and mortality among the native floating population.*—There were in all 72 deaths in and out of hospital, against 132 and 170 in 1892 and 1891. The death-rate per mille is 2·80, and is lower than the rate for the two previous years. Of the total deaths, 16 were in hospital and 56 out of hospital. There were 28 deaths from cholera—6 in hospital and 22 out of hospital. No explanation is given why so many men were allowed to die out of hospital.

13. *Food.*—There were only eight complaints as to the quality of food on board vessels coming to the port. The complaints were found to be correct in four instances.

14. *Water supply.*—In regard to the water supply, the Health Officer writes:—"The system of supply in vogue at present is to fill up the tanks in water boats from the hydrants on the bank and to place the man hole key in charge of the head boatman. Although these tanks are placed under lock and key, the man hole is not kept covered, and the boatmen have been caught bathing and washing clothes over the man hole of a filled tank." The present arrangement is very unsatisfactory, and it is not clear why the man hole is not locked when there is a key for the purpose. The Municipal Department of this Government will be requested to make enquiries as to the existing arrangements, and whether sufficient measures have been taken to stop the abominations brought to notice by the Health Officer.

15. *Conservancy.*—The Health Officer reports that the brick-field foreshore at Ghosery still continues to be used as a latrine by the brick-field workers and boatmen of native craft moored along that part of the shore. With reference to the similar complaint made last year, the Magistrate of Howrah reported on the 6th July 1893 that constables had been told off for duty at the foreshore from 4 A.M. to 10 A.M., and from 3 P.M. to 9 P.M., with instructions to send up persons committing nuisances there. Apparently the measures adopted by the Magistrate have had little or no effect, and he will again be asked to report what further steps should be taken to stop the nuisance altogether.

Corpses and carcasses.—It is unsatisfactory to find that the number of corpses and carcasses found floating in the river and sunk within port limits shows an increase under both headings.

By order of the Lieutenant-Governor of Bengal,

A. D. MCARTHUR, *Lieut.-Col., R.E.,*
Offg. Secretary to the Government of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 24th March, 1894.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.			
BURDWAN DIVN.	1 Burdwan Mar. 24, '94	Nil	Weather—seasonable. Harvesting of potatoes and <i>rabi</i> crops continues. Sugarcane pressing going on. Prices of common rice:— Srs. Burdwan ... 10 to 15 Kalna ... 10 to 14 Katwa ... 15 Raniganj ... 15 } per rupee.
	Kalna ...	Nil	
	Katwa ...	Nil	
	Raniganj ...	Nil	
	2 Birbhum „ 24, '94	0.01	Weather—getting hot. <i>Rabi</i> crops nearly harvested. Sugarcane pressing still going on, but outturn is reported to be not good. Common rice sells at from 12 to 18 seers per rupee. Fodder and water available.
	Rampur Hât ...	Nil	
	3 Bankura „ 24, '94	Nil	Weather—getting warm. Rain wanted for rice cultivation for which lands are being prepared. Pressing of sugarcane continues. Fodder and water sufficient. Rice sells at— Srs. Sadar ... 17½ Vishnupur ... 16½ } per rupee.
	4 Midnapore „ 24, '94	Nil	Weather—growing hotter. Indigo plants prospering. <i>Boro</i> rice still being sown, but suffering for want of moisture. Prices of common rice:— Srs. Sadar ... 15½ Contai ... 18 Tamluk ... 14 Ghatal ... 14 to 15 } per rupee.
	5 Hooghly „ 24, '94	Nil	Weather—excessively hot. Cultivation of vegetable crops in progress. <i>Rabi</i> harvest and sugarcane pressing practically over. Price of common rice at Sadar 11 to 12 seers per rupee.
	6 Howrah „ 24, '94	Nil	Weather—seasonable. Rain wanted for <i>boro</i> paddy. Condition of cattle good. Fodder and water-supply sufficient. Price of rice 10 to 14 seers per rupee.
	Ulubaria ...	Nil	
	7 24 Parganas „ 24, '94	Nil	Weather—seasonable. No crops on the ground except <i>boro</i> rice. Rain wanted for <i>boro</i> rice. Condition of cattle good. Fodder and water sufficient. Rice sells at— Seers. Ch. Sadar ... 11 to 14 0 Barasat ... 12 0 Basirhat ... 14 8½ Diamond Harbour ... 13½ 0 } per rupee.
PRESIDENCY DIVN.	8 Nadia „ 24, '94	Nil	Weather—hot and dry. Harvesting of <i>rabi</i> crops almost complete; outturn below the average. Want of rain retards preparation of lands. Price of rice 12½ to 13½ seers per rupee. Difficulty as to water-supply felt in places.
	Kushtia ...	Nil	
	Meherpur ...	Nil	
	Chuadanga ...	Nil	
	Ranaghat ...	Nil	
	9 Murshidabad „ 24, '94	Nil	Weather—getting hot. Gram, wheat and barley are being harvested. Mulberry and indigo seem to be promising, but mulberry wants rain. Fodder sufficient for cattle. Common rice sells at 14 seers per rupee.
	10 Jessore „ 24, '94	Nil	Weather—seasonable. Harvesting of <i>rabi</i> crops over. Sowing of <i>til</i> and planting of sugarcane have commenced. <i>Cheena</i> is being harvested. Prospects of <i>boro</i> rice good. Fodder and water sufficient except in Jhenida. Prices of rice as below— Srs. c. Sadar ... 12 to 13 0 Bangaon ... 10 to 12 0 Magura ... 12 0 Jhenida ... 11 4 Narail ... 12 4 } per rupee.
	Jhenida ...	Nil	
	Magura ...	Nil	
	Narail ...	Nil	
	Bangaon ...	Nil	
	11 Khulna „ 24, '94	Nil	Weather—seasonable. Prospect of <i>boro</i> paddy continues fair, but more rain is needed. Lands are being cultivated for <i>til</i> and jute. Common rice sells at from 11 to 14½ seers per rupee. Fodder and water sufficient.
	Bagerhat ...	Nil	
	Satkhira ...	Nil	

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—conold.			
RAJSHAHI DIVN.	12 Rajshahi Nutor Naugaon	Mar. 24, '94	Nil Nil Nil
	13 Dinajpur	" 24, '94	Nil
	14 Jalpaiguri	" 24, '94	Nil
	15 Darjeeling Siliguri	" 24, '94 ...	0.08 Nil
	16 Rangpur Nilphamari Kurigram Gaibanda	" 24, '94	Nil Nil Nil Nil
	17 Bogra Sherpur Naakhila	" 24, '94	Nil Nil Nil
	18 Pabna	" 24, '94	Nil
	19 Dacca	" 24, '94	Nil
Dacca DIVN.	20 Mymensingh	" 24, '94	Nil
	21 Faridpur Goalundo Madaripur	" 24, '94	Nil Nil Nil
	22 Jackergunge	" 24, '94	Nil
CHITTAGONG DIVN.	23 Fippera	" 24, '94	Nil
	24 Nonkhali	" 24, '94	Nil
	25 Chittagong	" 24, '94	Nil

Weather—seasonable. There are not many crops on the ground, and they are only moderately good. Agricultural operations are at a perfect standstill for want of rain, which has not fallen in any appreciable quantity for nearly five months. Water-supply and fodder are ample. There is no cattle-disease. Rice is selling at from 13 to 15 seers per rupee.

Weather—occasionally cloudy with westerly wind. Nights still cool. Sowing of jute and *bhadoi* rice going on in some places. Common rice selling at from 13 to 15 seers per rupee. Condition of cattle good. Fodder and water sufficient.

Weather—seasonable. Lands are being prepared for *bhadoi* and jute crops. Prices of common rice stationary. Condition of cattle good. Supply of water and fodder sufficient.

Weather—bright and clear in the hills; growing warm in the Terai. *In the hills*:—Wheat and barley being harvested. *Bhutia* being planted. Potatoes thriving. *In the Terai*:—Lands are still being ploughed. Cattle healthy. Prices of coarse rice:—

	Srs.
Hills	11
Terai	12

per rupee.

Weather—warm in the day time with cool mornings. Jute and *aus* paddy are being sown. Rain wanted for sowings. Rice sells at from 11 to 15 seers per rupee. Some scarcity of fodder and water reported from Kurigram.

Weather—seasonable. Sowing of *aus* commenced. Preparation of lands for jute still continues. Price of rice stationary. Fodder and water sufficient.

Weather—seasonable with hot days and cool nights. State and prospects of standing crops fair, but more rain wanted. At Serajganj common rice selling at from Rs. 3.4 to Rs. 3.8 per maund and jute at Rs. 6. At Sadar rice selling at 12 seers per rupee.

Weather—hot. Prospects of standing crops fair. Ploughing for sowing of *aus* rice and jute going on. Common rice selling at from 10 to 12 seers per rupee. Fodder available. There is want of drinking water in many places. No cattle-disease.

Weather—cold in the morning and hot in the day time. Prospects of standing crops good. Lands are being cultivated for *aus* paddy and jute. Common rice sells at 10 seers per rupee. Water for all purposes available. Fodder available.

Weather—seasonable. State of *rabi* crops fair. Land is being prepared for early rice and jute, but rain needed. Cattle-disease prevails in the jurisdiction of the Kotalipara police-station in Madaripur subdivision. Common rice sells at—

	Srs.
Sadar	12
Goalundo	12
Madaripur	13

per rupee.

Fodder available. No want of water for drinking and domestic purposes.

Weather—seasonable. State and prospects of crops fair. Ordinary rice sells at from 10 to 13 seers per rupee. Fodder and water for cattle sufficient. Water for drinking purposes is scarce in police-stations of Jhalakati, Matbaria, Bhandaria, and Gulsakhali, and in outposts of Badartuni, Bamna, Nazirpur, and Fuljhuri.

Weather—seasonable. Prospects of standing crops good. Sowing of jute and *aus* paddy going on. Rice sells at from 10 to 11 seers per rupee.

Weather—seasonable. Harvesting of *rabi* crops and sowing of *aus* crop commenced. No cattle-disease. Water and fodder available. Price of common rice stationary.

Weather—seasonable. Prospects of spring crops poor: other crops also somewhat damaged by recent rain and hailstorm. Prices stationary. Water and fodder sufficient.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BIHAR.			
PATNA DIVISION.	26 Patna Mar. 24, '94	Nil	Weather—hot with high west wind. <i>Rabi</i> is practically all harvested, except <i>rahar</i> which is ready for reaping. Outturn generally excellent. Prices of common rice:— <div style="text-align: right;"> Srs. Sadar 15½ Barh 15 Bihar 16½ </div> } per rupee.
	27 Gaya „ 24, '94	Nil	Weather—growing hot. Harvesting of <i>rabi</i> crops continues. Collection of opium nearly over. Prices stationary. Fodder and water-supply ample.
	Jahansbad ...	Nil	
	Aurangabad ...	Nil	
	Nawada ..	Nil	
	28 Shahabad „ 24, '94	Nil	Weather—hot with high winds. Harvesting and threshing of <i>rabi</i> crops continue. Collection of opium nearly finished; yield very poor.
	29 Saran „ 24, '94	Nil	Weather—seasonable. <i>Rabi</i> harvesting going on rapidly. Sugarcane is being planted. Fodder and water plentiful. Prices of common rice:— <div style="text-align: right;"> Srs. C. Chapra 14 8 Siwan 14 0 Gopalganj 15 6 </div> } per rupee.
	Siwan ...	Nil	
	Gopalganj ...	Nil	
	30 Champaran „ 24, '94	Nil	Weather—early mornings still cool, days getting warm; high west wind prevailing. <i>Rabi</i> harvesting going on. Prospects of outturn good. Collection of opium continues. Estimate somewhat reduced owing to the appearance of blight, which has affected, to some extent, the crop on sandy soil and the late sowings. Prices of food-grains stationary during the week.
BHAGALPUR DIVISION.	31 Muzaffarpur „ 24, '94	Nil	Weather—hot west wind. Harvesting of <i>rabi</i> crops in progress. Collection of opium going on. Health of cattle generally good. Fodder and water sufficient.
	32 Darbhanga „ 24, '94	Nil	High west winds prevailing. Harvesting of <i>rabi</i> crops continues. Indigo sowings germinating well. Collection of opium nearly completed. Lands being ploughed for <i>mug</i> and early paddy sowings. Fodder and water for cattle sufficient. Prices remain steady.
	33 Monghyr „ 24, '94	Nil	Weather—getting warmer daily. About 12 annas of the <i>rabi</i> crops have been harvested. Lancing of poppy capsules completed. Indigo and other standing crops doing well. Small-pox among cattle in some villages near Nowadib. Fodder and water sufficient. Prices of common rice:— <div style="text-align: right;"> Srs. Sadar 13 to 16 Begusarai 16 Jamui 15 </div> } per rupee.
	Begusarai ...	Nil	
	Jamui ...	Nil	
	34 Bhagalpur „ 24 '94	Nil	Hot winds have commenced, but nights are still cool. Wheat harvest is in full swing. Outturn varies from 12 annas in the south to 8 annas in the light sandy soils in the north of the district. Rain is now much wanted for cultivation. Price of common rice 16 seers 6 chitaks per rupee.
	Banka ...	Nil	
	Madhipura ...	Nil	
	Supaul ...	Nil	
	35 Purnea „ 24, '94	Nil	Hot weather is rapidly setting in; strong west wind blowing. <i>Rabi</i> crops are in a satisfactory state and are being harvested here and there. Sowing of <i>bhadoi</i> crops continues. Indigo sowings are in full progress, but rain is wanted in some parts. Fodder and water sufficient. No cattle-disease. Prices of common rice:— <div style="text-align: right;"> Srs. Sadar 13 to 18 Kishanganj 15 Araria 17 </div> } per rupee.
	Kishanganj ...	Nil	
	Araria ...	Nil	

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.															
BIHAR—concl'd.																		
BHAGALPUR DIVN.—concl'd.	36 Malda Mar. 24, '94	Nil	Weather—getting warm; strong west wind blowing. Rain much wanted. <i>Rabi</i> crops being reaped; estimated outturn 8 to 12 annas. <i>Boro</i> rice thriving. Lands are being ploughed for <i>aus</i> paddy. Price of ordinary rice varies from 13 to 16 seers per rupee. Fodder and water sufficient.															
	37 Sonthal Parganas „ 24, '94	0.01	Weather—hot in the day with west winds. Wheat harvesting continues. <i>Mahua</i> crop promises well. Fodder and water sufficient. Price of rice 14 to 18 seers per rupee.															
	Deoghur ...	Nil																
	Pakur ...	Nil																
Jamtara „	Nil																	
ORISSA.																		
ORISSA DIVN.	38 Cuttack „ 24, '94	Nil	Weather—hot. All crops on the ground doing well. The estimated outturn of tobacco is 10 annas. Fodder and water sufficient. Common rice sells at— <table><tr><td></td><td>Srs. c.</td><td>Srs. c.</td></tr><tr><td>Sadar</td><td>...</td><td>10 8 to 16 7</td></tr><tr><td>Jajpur</td><td>...</td><td>14 0 to 17 0</td></tr><tr><td>Kendrapara</td><td>...</td><td>14 0 to 17 2</td></tr><tr><td>Banki</td><td>...</td><td>17 11</td></tr></table> } per rupee.		Srs. c.	Srs. c.	Sadar	...	10 8 to 16 7	Jajpur	...	14 0 to 17 0	Kendrapara	...	14 0 to 17 2	Banki	...	17 11
		Srs. c.	Srs. c.															
	Sadar	...	10 8 to 16 7															
	Jajpur	...	14 0 to 17 0															
Kendrapara	...	14 0 to 17 2																
Banki	...	17 11																
39 Balasore „ 24, '94	Nil	Weather—seasonable. Sugarcane is being pressed. <i>Dalua</i> rice is the main standing crop and is ripening. Ploughing going on in some places, but rain is wanted. Coarse rice sells at 18 seers per rupee at Sadar.																
40 Puri „ 22, '94	Nil	Weather—warm. <i>Dalua</i> rice, cotton, <i>mug</i> , and <i>cheena</i> crops want water and are likely to die. Cattle-disease reported from the interior. Rice sells at from 17 seers 1 chitak to 18 seers 6 chitaks per rupee.																
CHOTA NAGPUR.																		
South-West Frontier Agency.																		
CHOTA NAGPUR DIVN.	41 Hazaribagh Mar. 24, '94	Nil	Weather—warm with west winds. Transplanting of sugarcane and ploughing in progress. Opium 15 annas harvested; some deficiency in the outturn expected. Fodder and water sufficient.															
	Giridi ...	Nil																
	42 Lohardaga „ 24, '94	0.05	Weather—seasonable. Ploughing continues. Wheat and barley are being reaped. Common rice selling at 16 seers per rupee. Fodder and water sufficient.															
	43 Palamau „ 23, '94	Nil	Weather—cloudy and threatening, but it seems to have cleared up today (23rd). <i>Rabi</i> harvesting still going on. <i>Mahua</i> promises well. Mango crop does not promise a good outturn. Rice selling at from 26 to 28 seers per rupee. Fodder and water-supply normal.															
	44 Manbhum „ 24, '94	Nil	Weather—hot. Prospects of <i>mahua</i> good. Water and fodder sufficient.															
Gobindpur ...	Nil																	
45 Singhbhum „ 24, '94	Nil	Weather—getting very warm; hot winds blowing. Wheat, gram, cotton, <i>rahar</i> , linseed and <i>mahua</i> are being harvested; 12 to 16 annas outturn expected throughout the districts excepting the Kolhan, where it is estimated at 8 annas only. Price of common rice ranges from 10 to 16 seers per rupee.																

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 27th March, 1894.

C. E. BUCKLAND,
Secy. to the Govt. of Bengal.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY,
THE 24TH OF MARCH 1894.

On the 18th instant, or at the commencement of the week, a rather brisk fall of pressure occurred, and a feeble low-pressure area developed over Bengal, and winds showed slight in-draught towards it. The low-pressure area was, however, of little importance, and with an increase of pressure, which occurred on the 19th, it practically disappeared. On this day westerly winds extended over the greater part of Bengal, and hence humidity became decidedly low except at the eastern stations, while temperature on the other hand generally rose considerably and became in excess of the normal. On the 20th the pressure changes were rather irregular, and a moderate fall had occurred at some of the northern stations, while pressure was rising in many other cases, and a shallow barometric depression appeared in North Bengal. Westerly winds prevailed again to a most unusual extent in Bengal, and the air was abnormally dry over the greater part of the Province. On the 21st pressure had again risen rather briskly in North Bengal, and the depression over that area had quite disappeared, but the strong westerly wind current continued, giving abnormally low humidity, and at 8 A.M. on this day the saturation of the air with moisture at Hazaribagh was only 23 per cent. of the possible amount. On the 22nd the changes were quite unimportant, the pressure changes being exceedingly small and fine dry settled weather generally prevailed except in parts of Chota Nagpur, where light showers, probably accompanying dust storms, were reported. On the 23rd the changes of pressure were again small and unimportant, and weather continued fine in all districts. Westerly winds with unusually low humidity were also reported at all except the eastern stations. On the 24th, or the last day of the week, pressure was falling slowly over the whole province, but it was still above the normal by small to moderate amounts, the excess being largest at the western stations. A fairly steady westerly wind current was blowing over the whole province, giving exceptionally low humidity, while temperature continued high, the mean being above the normal by from about 2° to 4°.

Pressure.—The mean pressure for the week has been in excess of the normal over the greater part of the province. The excess has been very small at the eastern and north-eastern stations, while it has ranged up to about 0.3" and 0.04" at the western stations.

Temperature.—Has been in excess of the normal in all divisions by between 1° and 2°, the mean excess equalling 1.5° and the excess has been largest in South-West and North Bengal.

The actual temperatures registered during the week, and their variations from the normal temperature for the present season, are most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the week at nine typical stations in the province are compared with the normal values for the same period. The day, or maximum, readings for the week have shown a slightly higher temperature than usual, and the excess at the nine stations in the maximum, or day, temperature has equalled 0.9°, while in the night, or minimum, temperature the excess has averaged 1.0°:—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending Saturday, the 24th of March 1894.

	Normal mean maximum temperature for the week ending 24th March.	Actual mean maximum temperature for the week ending 24th March 1894.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 24th March.	Actual mean minimum temperature for the week ending 24th March 1894.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 24th March.	Actual mean daily temperature for the week ending 24th March 1894.	Variation of actual mean from the normal.
Cuttack	97.1	99.7	+2.6	73.9	74.1	+0.2	85.5	86.9	+1.4
Calcutta	91.5	93.3	+1.8	71.2	70.5	-0.7	81.4	82.9	+1.5
Chittagong	86.6	86.5	-0.1	69.3	72.0	+2.7	78.0	79.3	+1.3
Rurdwan	95.2	97.1	+1.9	69.4	70.8	+1.4	82.3	84.0	+1.7
Fatna	93.4	94.5	+1.1	65.2	69.6	+4.4	79.3	82.1	+2.8
Gaya	95.8	93.2	-2.6	67.6	66.2	-1.4	81.7	79.7	-2.0
Purnea	92.4	93.7	+1.3	61.7	62.7	+1.0	77.1	78.3	+1.2
Hazaribagh	90.9	89.6	-1.3	65.8	67.1	+1.3	78.4	78.4	0
Darjeeling	58.3	59.4	+1.1	44.8	44.7	-0.1	51.6	52.1	+0.5

Rainfall.—Has been practically absent from the province throughout the week.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 24th of March 1894:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 16th Oct. 1893.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
South-West Bengal ...	103.9	66.3	96.7	72.0	84.3	+1.9	0.06	0.18	-0.12	0.13	0.21	-0.18	0.61	0.92	3.23	5.09
North Bengal ...	97.5	57.5	93.8	61.6	79.2	+1.8	Nil	0.28	-0.28	0.00	0.38	-0.38	0.19	0.77	3.70	3.86
East Bengal ...	96.5	63.1	89.5	70.7	80.1	+1.2	Nil	0.47	-0.47	0.00	0.65	-0.65	4.71	1.88	9.82	6.99
Bihar ...	100.3	58.3	94.2	66.7	80.5	+1.7	Nil	0.06	-0.06	0.00	0.12	-0.12	0.10	0.22	5.00	2.83
Orissa ...	102.2	69.4	91.5	73.6	82.6	+1.2	Nil	0.24	-0.24	0.00	0.41	-0.41	0.30	0.78	6.00	6.78
Chota Nagpur* ...	100.8	69.7	92.6	69.2	80.9	+1.4	Nil	0.10	-0.10	0.00	0.19	-0.19	0.03	0.93	3.92	3.94

* Daltongunj not included.

METEOROLOGICAL OFFICE, BENGAL,
The 27th March 1894.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 18th to 24th March 1894.

MONTH.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	TEMPERATURE.						HYGROMETRY.			Rainfall, past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
March	18th	29.840	83.9	97.0	26.2	70.8	86.6	76.5	.778	71.7	62	Nil
"	19th	.890	83.2	93.5	20.7	72.8	89.6	72.6	.573	62.8	41	...
"	20th	.929	81.9	96.0	28.3	67.7	87.6	69.6	.483	58.0	37	...
"	21st	.953	83.9	97.0	26.2	70.8	87.6	73.6	.640	66.0	49	...
"	22nd	.945	83.0	95.0	24.0	71.0	86.4	69.6	.500	59.0	39	...
"	23rd	.924	84.9	98.0	26.3	71.8	88.6	76.5	.750	70.6	56	...
"	24th	.898	85.6	98.5	25.9	72.6	92.6	72.6	.535	60.8	35	...

The mean 10 A.M. pressure of the seven days Inches. 29.911

The mean temperature of the seven days 83.8

The extreme variation of temperature 30.8

The maximum temperature 98.5

The mean 10 A.M. relative humidity of the seven days % 46

The total fall of rain from 18th to 24th March 1894 Inch. Nil

The daily mean temperatures are the crude means of maximum and minimum temperatures.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,
The 26th March 1894.

IRRIGATION DEPARTMENT,—BENGAL.

Statement showing heights over mean sea-level and low-water in the Rivers Ganges, Bhagirathi, Jalangi, and Brahmaputra for the month of February 1894.

RIVER GANGES.																					
MIRZAPUR.		BENARES.		BUXAR.		DINAPORE.		MONGHYR.		SAHIBGANJ.		RAMPUR ROALIA.		GOALUNDO.		RIVER JALANGI.		RIVER BHAGIRATHI.		RIVER BRAHMAPUTRA.	
Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	
100	208.14	134	108.68	90	171.88	177	149.38	287	109.77	391	69.42	471	48.49	691	9.61	58.00	2.93	5.31	146.24	5.31	
101	208.14	135	108.68	91	171.88	178	149.38	288	109.77	392	69.42	472	48.49	692	9.61	58.00	2.93	5.31	146.24	5.31	
102	208.14	136	108.68	92	171.88	179	149.38	289	109.77	393	69.42	473	48.49	693	9.61	58.00	2.93	5.31	146.24	5.31	
103	208.14	137	108.68	93	171.88	180	149.38	290	109.77	394	69.42	474	48.49	694	9.61	58.00	2.93	5.31	146.24	5.31	
104	208.14	138	108.68	94	171.88	181	149.38	291	109.77	395	69.42	475	48.49	695	9.61	58.00	2.93	5.31	146.24	5.31	
105	208.14	139	108.68	95	171.88	182	149.38	292	109.77	396	69.42	476	48.49	696	9.61	58.00	2.93	5.31	146.24	5.31	
106	208.14	140	108.68	96	171.88	183	149.38	293	109.77	397	69.42	477	48.49	697	9.61	58.00	2.93	5.31	146.24	5.31	
107	208.14	141	108.68	97	171.88	184	149.38	294	109.77	398	69.42	478	48.49	698	9.61	58.00	2.93	5.31	146.24	5.31	
108	208.14	142	108.68	98	171.88	185	149.38	295	109.77	399	69.42	479	48.49	699	9.61	58.00	2.93	5.31	146.24	5.31	
109	208.14	143	108.68	99	171.88	186	149.38	296	109.77	400	69.42	480	48.49	700	9.61	58.00	2.93	5.31	146.24	5.31	
110	208.14	144	108.68	100	171.88	187	149.38	297	109.77	401	69.42	481	48.49	701	9.61	58.00	2.93	5.31	146.24	5.31	
111	208.14	145	108.68	101	171.88	188	149.38	298	109.77	402	69.42	482	48.49	702	9.61	58.00	2.93	5.31	146.24	5.31	
112	208.14	146	108.68	102	171.88	189	149.38	299	109.77	403	69.42	483	48.49	703	9.61	58.00	2.93	5.31	146.24	5.31	
113	208.14	147	108.68	103	171.88	190	149.38	300	109.77	404	69.42	484	48.49	704	9.61	58.00	2.93	5.31	146.24	5.31	
114	208.14	148	108.68	104	171.88	191	149.38	301	109.77	405	69.42	485	48.49	705	9.61	58.00	2.93	5.31	146.24	5.31	
115	208.14	149	108.68	105	171.88	192	149.38	302	109.77	406	69.42	486	48.49	706	9.61	58.00	2.93	5.31	146.24	5.31	
116	208.14	150	108.68	106	171.88	193	149.38														

CALCUTTA,

The 26th March 1894.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

Calcutta Gazette
of 4th April 184
morning



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, APRIL 11, 1894.

OFFICIAL PAPERS.

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LIBERALITY OF BABU KRISHNA MOHAN RUDRA SARKAR.

No. 1264, dated Calcutta, the 6th April 1894.

From—C. E. BUCKLAND, Esq., Secretary to the Government of Bengal,
To—The Director of Public Instruction, Bengal.

WITH reference to the correspondence ending with your letter No. 2106, dated the 23rd March 1894, I am directed to forward for your information, and for communication to Babu Krishna Mohan Rudra Sarkar, the enclosed copy of a Notification of this date regarding the endowment fund of Rs. 6,000 created by him for the maintenance of a Sanskrit Tol at his native village at Irhpala, in the district of Midnapore, called in memory of his mother "The Sibani Fund."

2. I am to request that you will be so good as to convey to the donor an expression of His Honour's acknowledgment of his liberality and public spirit.

This letter will be published in the *Calcutta Gazette*.

ANTWERP EXHIBITION.

No. 1974Mis.

The following is published for general information :—

C. E. BUCKLAND,
Secy. to the Govt of Bengal.

REVENUE DEPT.,
The 7th April 1894.

Extract from the Proceedings of the Government of India, Department of Revenue and Agriculture, No. $\frac{1515}{3}$ M. and E., dated 28th March 1894.

MUSEUMS and EXHIBITIONS.

READ—

Resolution of the Government of India in the Department of Revenue and Agriculture, No. 7-3, dated 19th February 1894, intimating the arrangements that had been made by the Government of India in connection with the Antwerp Exhibition.

RESOLUTION.

In continuation of the Resolution read in the preamble, the Government of India desire to intimate that they have availed themselves of the services of Mr. Gerald R. deCourcy-Perry, Her Majesty's Consul-General at Antwerp, as Commissioner for the Government of India at the Exhibition, to officially represent their interests at the Exhibition.

ORDER.—Ordered that this Resolution be published in the Supplement to the *Gazette of India* for general information, and that copies be forwarded to all Local Governments and Administrations, with the request that it be republished in the local Gazettes.

(True Extract.)

M. FINUCANE,
Offg. Secy. to the Govt of India.

**ESTIMATES OF OUTTURN OF RABI AND SPECIAL CROPS OF
BENGAL, 1893-94.**

THE following is published for general information.

By order of the Lieutenant-Governor of Bengal,

C. E. BUCKLAND,

The 5th April, 1894.

Secy. to the Govt. of Bengal.

**DEPARTMENT OF LAND RECORDS AND
AGRICULTURE, BENGAL.**

Note on the outturn of rabi food-grains and of tobacco, sugarcane, opium, mulberry and ganja in Bengal for 1893-94 (based on returns received from District Officers) down to 29th March 1894.

1. *Explanatory.*—The returns of the estimates of outturn of *rabi* and important special crops published in previous years embraced a large number of crops, some of which were unimportant, and others, like cotton and oilseeds, are the subject of special reports. The present returns have been considerably reduced in size by omission of all unimportant crops, and also of those crops, except wheat, which are the subject of special reports. Wheat has been retained in this report, although it is the subject of a special report, in order that the return may be complete for *rabi* food-crops included under the description of cereals and pulses. Oats have been omitted, because it is believed that they are chiefly grown as a fodder crop for animals.

2. *Character of the season.*—Unusually heavy rain fell during the first three weeks of October 1893. This, combined with the heavy rainfall in the previous months, enabled the soil to retain a stock of moisture, and was so far beneficial, but at the same time the excessive moisture interfered with the timely preparation of land, and retarded the sowing operations. The heavy rains of October were followed by a long period of rainless weather which, with the exception of a few very light scattered showers in November, continued uninterrupted till the end of January. The *rabi* crops were seriously affected by the failure of the cold-weather rains. Prospects were somewhat improved by a moderate shower of rain which fell early in February in Bihar, and parts of Chota Nagpur and North Bengal; elsewhere there was no rain till the last days of February, when a period of wet weather set in throughout these Provinces, lasting till the close of the first week of March, and causing more or less damage to the crops which were then either in flower or were approaching maturity. The crops are reported to have suffered in some places from hail-stones at this time; and the wheat crop was injured in parts of Shahabad and Monghyr by blight, which appeared in consequence, no doubt, of the wet and cloudy weather during February and March.

3. *Area sown with rabi food-grains.*—The area sown with *rabi* food-grains this year is estimated at 9,044,300 acres against 9,248,000 acres estimated to have been cropped last year. On the whole, it may be said that the areas sown this year in Bihar are generally in excess of those of last year,

while in Central and East Bengal there appears to have been a falling off in consequence of the excessive rainfall during the last monsoon.

4. *Outturn of the rabi food-grains.*—For no district is the outturn of these crops estimated to be above the average. In 23 districts (which include all the districts of the Patna and Bhagalpur Divisions) the outturn is estimated to be between 12 and 16 annas, in 17 districts it is reported to be between 8 and 12 annas, and in four* only is the outturn estimated to be under 8 annas. The mean outturn for these Provinces may be estimated at between 12 and 14 annas or over $\frac{3}{4}$ ths of an average crop.

* Pabna, Bogra, Puri, and Singhbhum.

A preliminary report on the wheat crop of this year, as it appeared about the middle of January last, was published by this Department on the 14th February 1894. A second report on the same crop will be published in the beginning of May next. The character of the crop was estimated in the preliminary report at about 16 annas. The present returns show slight reductions in the previous estimates of outturn, but on the whole the crop may be safely estimated at about 14 annas.

5. *Special Crops.*—The special crops reported on are tobacco, sugarcane, opium, mulberry and *ganja*.

Tobacco.—The tobacco crop was adversely affected by the same climatic conditions as the *rabi* food-grains in general. Its outturn may be estimated at about 14 annas.

Sugarcane.—Was injured by excessive rainfall during the last monsoon season. It is estimated to have yielded about a 13-anna crop.

Opium.—The excessive rainfall during October interfered with the timely preparation of land and the sowing operations. The crop is reported to have been seriously injured in Shahabad by the rainfall during January and February. It may be expected to yield about an average crop on the whole.

Ganja.—The *ganja* crop in Rajshahi gave a poor outturn (10 annas) owing to the failure of the cold-weather rains.

B. C. BASU,

*Assistant to Director of Land Records
and Agriculture, Bengal.*

COUNTERSIGNED.

W. C. MACPHERSON,

*Offg. Director of the Dept. of Land Records
and Agriculture, Bengal.*

CALCUTTA,

The 2nd April 1894.

STATEMENT I.

Estimate of outturn of the Rabi Food-grains of Bengal, 1893-94.

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Names of rabi food-grains.	Approximate normal area in acres under rabi food crops, i.e. cereals (other than oats) and pulses.	Approximate area in acres under rabi food crops last year.	Estimated area in acres under rabi food crops this year.	Taking 16 annas to represent the average outturn, how many annas represented outturn last year?	Taking 16 annas to represent the average outturn, how many annas will represent this year's outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Bardwan	1,736,080	1,253,800	Wheat Barley	2,100 9,760	1,400 8,600	1,400 8,600	Annas. 11 11	Annas. 10 11	Excess of rainfall during sowing time and during last autumn and subsequent failure of rains has affected the outturn.	The Collector returned the normal last year's and this year's areas under wheat as 1,250 acres. The figures shown in columns 5, 6, and 7 have been taken in preference from the preliminary wheat forecast, 1893-94.
			Gram Peas and other pulses.	7,300 68,800	7,300 61,900	7,300 56,200	11 11	10 10		
Total	1,736,080	1,253,800		87,900	71,300	73,500	11	10		
Birbhum	1,121,920	456,000	Wheat	5,500	5,500	5,700	12	8	Owing to the heavy rains of the monsoon season, moisture was retained in the ground till sowing time; but the continued drought since November has affected the outturn.	Barley is believed to be grown in Birbhum, though it does not appear in the Collector's return.
			Gram Peas and other pulses.	5,000 7,000	5,000 7,000	5,000 7,000	12 12	8 8		
Total	1,121,920	456,000		17,500	17,500	17,700	12	8		

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Names of <i>rabi</i> food-grains.	Approximate normal area in acres under <i>rabi</i> food crops, i.e. cereals (other than oats) and pulses.	Approximate area in acres under <i>rabi</i> food crops last year.	Estimated area in acres under <i>rabi</i> food crops this year.	Taking 16 annas to represent the average outturn, how many annas represented outturn last year?	Taking 16 annas to represent the average outturn, how many annas will represent this year's outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Bankura ...	1,677,440	642,800	Wheat Barley	6,500 4,000	4,400 3,600	4,900 2,000	Annas. 8 1/2 10	Annas. 11 15	The decrease in the area sown in the case of most of the <i>rabi</i> crops is due to the unfavourable state of the weather at the sowing season; but peas and other <i>rabi</i> crops which do not require much water had a greater cultivation. The weather being favourable since sowing, these crops yielded almost an average crop. The favourable state of the weather in the latter end of the month of October last accounts for the greater cultivation of wheat.	
Total ...	1,677,440	642,800	Gram Peas and " other <i>rabi</i> pulses.	10,000 6,000	9,000 6,800	6,000 14,000	10 10	14 15		
Midnapore ...	3,319,040	2,111,500	Wheat	700	600	700	9 1/2	13 1/2	The (late) heavy shower of rain has done good to the crops in the Sadar sub-division, where the lands are comparatively higher, and a better outturn is expected than in any other sub-division.	The meteorological returns show that abundant rainfall in October; November was, however, rainless.

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Names of rabi food-grains.	Approximate normal area in acres under rabi food crops, i.e., cereals (other than oats) and pulses.	Approximate area in acres under each rabi crop last year.	Estimated area in acres under each rabi crop this year.	Taking 16 annas to represent the average outturn, how many annas represented outturn last year?	Taking 16 annas to represent the average outturn, how many annas will represent this year's outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Nadia	1,788,160	1,303,000	Wheat Barley Rabi millets Gram Peas and other rabi pulses	27,500 15,000 211,700 263,400 518,000	20,000 9,200 170,600 180,200 380,000	19,000 8,500 111,700 121,200 261,300	Annas. 10 6 6 9 9	Annas. 10 6 6 9 9	The crops suffered more or less from excess of rainfall at ploughing and sowing time, and from want of rain in December and January last.	It is not understood why the area sown should fall so short of the normal, as well as of last year's area.
Total	1,788,160	1,303,000								
Murshidabad	1,372,160	985,500	Wheat Barley Rabi millets Gram Peas and other rabi pulses	150,500 67,000 101,400 110,700 429,200	129,500 55,200 86,300 96,700 368,000	(a) 129,700 55,200 86,300 97,100 369,200	13 14 14 12 12½	10 10 11 7 9½	The decrease in the outturn of wheat, barley is due to the deficiency of rainfall during the sowing time throughout the district, and to the fact of some of the plants having been destroyed by insects at Jangipore.	(a) The Collector returned this year's area under wheat as 151,130 acres. The figure shown has been taken in preference from the preliminary wheat forecast.
Total	1,372,160	985,500								
Jessore	1,872,000	1,116,800	Wheat Barley Gram Peas and other rabi pulses	1,600 6,800 25,000 120,100 154,100	1,300 4,100 25,100 119,200 140,700	1,300 4,000 21,000 117,300 143,000	12 12 11 12 12	6 7 8 10 10	Deficiency of rainfall accounts for the falling off in the outturn.	
Total	1,872,000	1,116,800								
Khulna	3,103,942	870,000	Gram Peas and other rabi pulses	200 10,900 11,100	200 10,000 10,200	200 10,200 10,400	13 13 13	10 10 10	The decrease in outturn is due to the want of rain throughout the winter season.	
Total	3,103,942	870,000								

Rajahm	...	1,491,200	1,085,900	Wheat Barley Gram Peas and pulses.</
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1	2	3	4	5	6	7	8	9	10	11
DISTRICT.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Names of rabi food-grains.	Approximate normal area in acres under rabi food crops, i.e., cereals (other than oats) and pulses.	Approximate area in acres under rabi food crops last year.	Estimated area in acres under rabi food crops this year.	Taking 16 annas to represent the average outturn, how many annas represented outturn last year?	Taking 16 annas to represent the average outturn, how many annas will represent this year's outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Bogra	929,920	421,000	Wheat Gram Pulses and other rabi pulses.	500 5,500 42,000	500 5,500 41,700	500 5,500 42,000	14 16 16	8 8 8	This year's crops are estimated to be very poor, the cause being excessive damp produced by heavy rainfall, which prevented timely sowing of the seeds.	
Total	929,920	421,000		48,000	47,500	48,000	16	6		
Pabna	991,438	882,500	Wheat Barley Rabi millets Gram Pulses and other rabi pulses	29,000 13,100 29,100 180,100	29,000 13,100 29,100 175,000	23,100 17,000 27,300 178,800	9 8 12 11	8 7 9 7	There being no rain from ploughing time up to the middle of February, the rabi crops have been materially affected in both the subdivisions of the district.	
Total	991,438	882,500		251,300	250,800	246,400	11	7		
Dacca	1,790,080	997,700	Barley Rabi millets Gram Pulses and other rabi pulses.	3,300 1,500 118,800	3,300 1,400 118,800	3,300 1,400 118,800	11	9	Owing to want of rain at the time of ploughing and sowing, this year's outturn will be less than that of last year.	In last year's return the area under rabi millets was estimated at 26,700 acres; viz., in Sadar 9,800; in Munshiganj 400; in Narainganj 14,100, and in Narainganj 2,900 acres. The discrepancy as regards the area under rabi millets is very large and should be explained.
Total	1,790,080	997,700		194,300	194,300	194,300	11	9		

Mymensingh...	4,032,450	2,405,700	Wheat Barley Gram Peas and other rabi pulses	14,100 13,400 12,900 61,700 315,200	14,100 12,900 13,100 61,700 315,000	12,900 13,100 61,900 287,000	14 13	12 11	In the Sadar subdivision, owing to heavy rains in October and November 1893, low lands were under water and could not be cultivated in proper time for rabi crops. In January and February 1894, there was no rain in consequence of which the growth of the rabi crops was retarded. In the Jamalpur and Tangail subdivisions also, the crops suffered for want of rain. In Kishoreganj, some damage was done at the earlier part of the season for deficiency of rainfall; but in the latter part much good was done by a proper distribution of rain.
Total	4,032,450	2,405,700		389,700	393,700	384,900	13	11	
Faridpur	1,450,880	1,007,500	Wheat Barley Gram Peas and other rabi pulses	2,000 8,000 8,000 192,000	1,670 8,000 6,000 144,000	2,000 8,000 8,100 149,000	12 12 12 12	8 9 9 11	The low outturn is due to want of rain since the sowing time. The rain which fell on the 1st March will, rather, damage the crops than do good.
Total	1,450,880	1,007,500		170,000	159,600	167,000	12	10	
Backergunge...	2,535,360	1,344,200	Peas and other rabi pulses	29,500	29,500	29,500	12	12	There was no rainfall between 24th October 1893 and 24th February 1894, and the crops are light in consequence.
Total	2,535,360	1,344,200		29,500	29,500	29,500	12	12	
Nacahali	1,052,800	818,800	Peas and other rabi pulses.	67,100	67,100	67,100	8	10	There being no rain in the beginning of February, the outturn will be less than the average. The late rain and hail-stones which fell in many parts of the district will, it is feared, reduce the estimate of outturn to 8 annas.
Total	1,052,800	818,800		67,100	67,100	67,100	8	10	
Tippura	1,594,240	1,167,300	Rabi millets Gram Peas and other rabi pulses.	500 500 98,700	500 500 98,700	500 500 93,900	P 15 13	15 10 10	The decrease in outturn is due to want of seasonable rain.
Total	1,594,240	1,167,300		99,700	99,200	70,900	13	10	

1	2	3	4	5	6	7	8	9	10	11
DISTRICT.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Names of rabi food-grains.	Approximate normal area in acres under rabi food crops, i.e. cereals (other than oats) and pulses.	Approximate area in acres under rabi food crops last year.	Estimated area in acres under rabi food crops this year.	Taking 16 annas to represent the average outturn, how many annas will be represented outturn last year?	Taking 16 annas to represent the average outturn, how many annas will represent this year's outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agr. culture, Bengal.
Chittagong ...	1,594,841	795,300	Peas and other rabi pulses	62,100	60,500	33,400	Annas. 10	Annas. 9	In the Sadar Sub-division heavy rainfall in the last part of October 1893, and in the first part of March 1894 has continuously affected the crop. In the Cox's Bazar sub-division, the decrease in the price of pulses has led to the sowing of a larger area than the normal area (16,390 acres) being sown.	
Total ...	1,594,841	795,300		62,100	60,500	33,400	10	9		
Palna ...	1,323,640	933,500	Wheat Barley Rabi millets Gram Peas and other rabi pulses	122,500 65,300 5,200 73,400 130,900	82,400 64,500 5,200 79,600 132,100	114,100 71,000 5,200 73,800 156,300	9 1/2 9 1/2 10 1/2 9 1/2 9 1/2	13 1/2 13 13 1/2 13 13	The rainfall was reasonable throughout. The present figures will not tally with the previous ones for the reasons that the District Superintendent of Police has revised his figures for the Sadar sub-division.	The Collector returned in the preliminary forecast of the wheat crop for 1893-94, the normal last year's area as 179,000 and wheat as 74,500 acres, respectively.
Total ...	1,323,640	933,500		122,500 65,300 5,200 73,400 130,900	82,400 64,500 5,200 79,600 132,100	114,100 71,000 5,200 73,800 156,300	9 1/2 9 1/2 10 1/2 9 1/2 9 1/2	13 1/2 13 13 1/2 13 13		
Gaya ...	3015,050	2,207,500	Wheat Barley Rabi millets Gram Peas and other rabi pulses	157,600 69,800 100 96,000 178,900	132,600 61,800 100 96,000 178,900	130,600 56,800 91,000 132,500	14 13 13	13	Full normal area could not be sown owing to excessive rainfall during the ploughing time. The outturn is estimated to be less than average owing to want of rainfall during the period when the crops were still to develop and owing to untimely rain and cloudy weather at the harvesting time.	
Total ...	3,015,050	2,207,500		157,600 69,800 100 96,000 178,900	132,600 61,800 100 96,000 178,900	130,600 56,800 91,000 132,500	14 13 13	13		

Shahabad	Wheat	1,712,000	173,000	116,000	116,000	10	12	The return from Shahabad was carelessly prepared. The crops under wheat have been reproduced from the preliminary wheat forecast, 1893-94.
	Barley		65,000	80,800	78,600	10	12	
	Rabi millets...		135,000	152,400	162,300	10	12	
Saran	Gram ... other rabi pulses.		20,800 234,700	45,400 181,900	20,800 229,700	10	12	Owing to excessive rainfall at the sowing time, the prospects of crops in the Sadar and Bhadrina sub-divisions have been much affected. If the weather continues favourable, a 14-anna crop may be expected in the Buxar sub-division. In the Saran sub-division a plentiful rainfall at the ploughing and sowing time facilitated the growth of the rabi crops. The cultivators had recourse to irrigation in high land tracts. The outturn is estimated below the average, as much of the wheat crop was affected with blight.
	Wheat	1,382,500	147,500	147,500	147,500	10	12	
	Barley		188,000	191,500	183,900	10	12	
Total	Rabi millets...		13,700	13,700	13,700	10	12	The Collector returned 137,600, 56,600, and 14,000 acres as being the normal, last year's and this year's areas respectively under the wheat crop. The figures now shown are taken in preference from the preliminary wheat forecast 1893-94.
	Peas and other rabi pulses		43,400	43,400	44,000	10	12	
		1,697,920	201,400	201,400	202,600	10	12	
Champaran	Wheat	1,422,000	591,000	597,500	601,700	10	12	The timely fall of rain has made cereals grow more healthy in the Gopalganj sub-division. The increase in the area sown this year is due to favourable moisture at the time of sowing.
	Barley		47,000	47,000	47,000	10	12	
	Peas and other pulses.		62,000	62,000	62,000	10	12	
Munafaryur	Wheat	1,422,000	188,000	188,000	188,000	11	16	Owing to the heavy rainfall of September and October, there was sufficient moisture in the soil, both at the time of ploughing and sowing. The timely rainfall at the beginning of February benefited the cereals and pulses.
	Barley		47,000	47,000	47,000	11	16	
	Peas and other pulses.		62,000	62,000	62,000	11	16	
Munafaryur	Wheat	1,445,000	70,000	70,000	70,000	11	15	The excessive rain at the ploughing and sowing time affected the wheat, gram and peas and other pulses, and reduced their outturn.
	Barley		103,000	103,000	103,000	11	15	
	Peas and other pulses.		40,000	40,000	40,000	11	15	
Munafaryur	Wheat	1,445,000	302,000	302,000	302,000	11	15	
	Barley		70,000	70,000	70,000	11	15	
	Peas and other pulses.		40,000	40,000	40,000	11	15	
Munafaryur	Wheat	1,445,000	524,000	524,000	524,000	11	15	
	Barley		70,000	70,000	70,000	11	15	
	Peas and other pulses.		40,000	40,000	40,000	11	15	
Munafaryur	Wheat	1,445,000	524,000	524,000	524,000	11	15	
	Barley		70,000	70,000	70,000	11	15	
	Peas and other pulses.		40,000	40,000	40,000	11	15	

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Names of rabi food-grains.	Approximate normal area in acres under rabi food crops, <i>i.e.</i> , cereals (other than oats) and pulses.	Approximate area in acres under rabi food crops last year.	Estimated area in acres under rabi food crops this year.	Taking 16 annas to represent the average outturn, how many annas represented outturn last year?	Taking 16 annas to represent the average outturn, how many annas will represent outturn this year?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Darbhanga	2,134,400	1,820,100	Wheat Barley	110,200 78,500	101,100 75,100	104,600 70,100	Annas. 11 13	Annas. 14 14	In the Sadar sub-division, the ploughing and sowing operations were done under favourable circumstances owing to sufficient rain falling in the S. II. The crops were slightly affected by the absence of rain in January. The February rain, however, improved the prospects, while it injured to a certain extent the gram and other pulses which were in flower. In the Madhubani sub-division also the outturn of the crops was affected by deficiency of rain in January and February. In the Samastipur sub-division, the late rainfall improved the condition of rabi crops, and so the outturn will be better than last year's.	The meteorological returns show that over 1 inch of rain fell at Madhubani early in February as in other parts of Bihar.
Total	2,134,400	1,820,100	Gram Peas and other rabi pulses	45,800 157,100	44,300 150,400	45,800 150,400	10 11	10 12		
Monghyr	2,509,440	1,852,800	Wheat Barley Rabi millets Gram Peas and other rabi pulses	128,000 123,900 52,200 268,000 656,100	107,100 123,100 52,200 268,000 656,100	104,500 123,100 58,900 288,000 676,100	14 13 13	14 12 13	In the Sadar sub-division, the early rain at the beginning of the season was favourable to the sowing of the crops, and a good outturn was generally expected. But the cessation of rain later made it dubious especially as the weather was changing from moist to hot. In the far-west of wheat crop this year, a 16-anna	No area has been shown under rabi, millets in the Begun-sari Sub-division, although 6,700 acres were returned last year. The figures shown in column 5 have been obtained in the

Director's Office, the normal areas under barley, millets, gram and peas, &c., having been assumed to be equal to those of last year.

outturn was expected, but not more than is usual could now be expected for the reasons above stated. In the Janmuri sub-division the area sown with wheat, barley and millets this year is less than the area sown last year, as the sowing operations were retarded by excessive rains. The area sown with gram is the same as in last year. The increase in the area sown with *rabi* pulses is attributed to good season in sowing time. In the Begusarai sub-division the crops were affected by late sowings, which were due to the rain falling under water for unusually long time. There was some damage from blight also.

In the Sadar Sub-division, there was more than sufficient moisture in the soil which to some extent injured the seed. Subsequently the crop suffered a good deal from drought in consequence of which the outturn, specially of wheat, has been below the average. In the Banka sub-division the rainfall in October and November has been short, and this has stunted the growth of all *rabi* crops. In the Madhupura sub-division damage was done by prolonged absence of rain between October and December, which told heavily on *rabi* crops grown in the sandy porous soil of which this sub-division contains much. In Supaul, the crops were injuriously affected by deficiency of rain at ploughing and sowing time, and subsequently by frequent and heavy showers, which damaged the crop in low-lying tracts.

Total	2,500,440	1,583,800		1,292,500	1,306,600	1,332,000	13		131
							13	12	
Bhagalpur	2,704,640	2,097,000	Wheat	215	180,700	192,200	19	19	
			Barley	68,800	64,800	68,800	13	15	
			Rabi millets	34,400	34,400	34,400	16	16	
			Gram	71,700	71,700	71,700	18	14	
			Peas and other rabi pulses	130,300	119,800	120,300	10	14	
Total	2,704,640	2,097,000		510,700	471,400	487,400	121	131	

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Names of rabi food-grains.	Approximate normal area under each rabi food crop, i.e., cereals (other than oats) and pulses.	Approximate area in acres under each rabi food crops last year.	Estimated area in acres under each rabi food crops this year.	Taking 16 annas to represent the average outturn, how many annas will represent outturn last year?	Taking 16 annas to represent this year's outturn, how many annas will represent the average outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Purnea	3,194,520	1,730,000	Wheat Barley	24,000 7,000	22,800 6,500	22,700 6,000	Annas. 13 13	Annas. 15 14	The decrease in the area sown is due partly to heavy floods, which prevented low lands from being sown in time, and partly to the season being favourable for paddy crops.	
Total	3,194,520	1,730,000	Gram Peas and other rabi pulses	32,000 186,000	29,000 170,000	14,000 171,000	14 14	13 14	The rabi crops did not thrive well for want of rain in January last; and hence the outturn is estimated to be below the average.	
Malda	1,217,280	811,500	Wheat Barley Rabi millets Gram Peas and other rabi pulses.	85,500 29,500 1,500 7,200 95,800	45,800 24,400 1,500 7,200 95,800	42,000 24,000 1,500 7,000 95,000	12 13 43 14 13	10 12 12 12 12	The area under cultivation has decreased this year for want of rain at the time of sowing. There has been no rainfall during the cold season; hence the outturn is less than what it was last year.	
Total	1,217,280	811,500		219,500	174,700	160,500	13	12		
Sonhal Par- gunas.	3,500,160	1,827,300	Wheat Barley Rabi millets Gram Peas and other rabi pulses	14,800 17,700 2,000 24,000 157,400	11,500 17,400 2,000 22,300 133,100	14,500 16,500 2,000 21,500 137,200	8½ 9½ 8 9½ 10½	12 11½ 12 12 12½	The crops suffered for want of rain in the Begnur, Gadda, and Jamtara sub-divisions. In the Pakour sub-division, there was decrease in area sown owing to the excessive rains, but a better outturn is expected owing to deposit of salt	

Total	3,500,160	1,827,300		216,800	188,300	121,700	10	12	this year. In Rajmahal the soil having kept up its moisture, a better outturn is expected than last year's.
	
Cuttack	2,324,450	1,161,300	Wheat	2,300	1,300	1,300	12	10	The low outturn of rabi crops is due to excess of rainfall at the time of sowing, and deficient rain since October.
	...	...	Barley	1,000	...	600	...	10	
Total	2,324,450	1,161,300	Gram	6,000	5,000	4,000	16	10	
	...	...	Peas and other rabi pulses	112,100	97,100	90,600	13	10	
Puri	1,582,720	728,100	Peas and other rabi pulses	85,000	72,200	48,100	9	7½	In the Sadar sub-division the short outturn is partly due to deficiency of rainfall at the time of sowing and partly to excess thereof when the crop was in flower. The crop in the Khurda sub-division suffered on account of excessive rainfall at the time of sowing.
Total	1,582,720	728,100		85,000	72,200	48,100	9	7½	
Balasore	1,322,240	837,100	Wheat	500	500	300	15	12	In the Sadar sub-division, the crops suffered from rains at the time of sowing. In Bhadrak, they suffered for want of rain after sowing.
Total	1,322,240	837,100	Peas and other rabi pulses	24,500	24,500	24,500	13	13	
Angul and Khondmals.	.....	.....		.....	.....	.....	.....	.....	Return not received.
Hazaribagh	4,493,440	2,478,500	Wheat	9,500	9,500	8,500	14	11½	The deficiency in the outturn is due to complete cessation of rains since the sowing time.
Total	4,493,440	2,478,500	Barley	1,100	1,100	1,100	13	11	
			Gram	40,600	40,600	40,600	14	11½	The outturn of wheat crop of 1893-94 was estimated in the preliminary wheat forecast at 15 annas, as against 10 annas in the previous year.
			Peas and other rabi pulses.	75,700	73,700	73,700	14	13	
				134,900	134,900	133,900	14	12	

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Names of <i>rabi</i> food-grains.	Approximate normal area in acres under <i>rabi</i> food crops, <i>i.e.</i> cereals (other than oats) and pulses.	Approximate area in acres under <i>rabi</i> food crops last year.	Estimated area in acres under <i>rabi</i> food crops this year.	Taking 16 annas to represent the average outturn, how many annas represented outturn last year?	Taking 16 annas to represent the average outturn, how many annas will represent this year's outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Lohardaga ...	4,502,000	2,888,300	Wheat Barley Gram Peas and other <i>rabi</i> pulse	2,200	1,100	1,100	Annas. 5 8 8 8	Annas. 5 8 8 8	The produce of the crops was expected to be better than last year, but the rain and hail-stones which fell in the month of February 1894 caused much injury to it; and hence this low estimate is calculated.	This is the most imperfect return received from any district. The Deputy Commissioner has not furnished estimates of area under barley, gram and peas and other pulses.
Total ...	4,569,600	2,888,300		2,200	1,100	1,100	50	50		
Palawan ...	3,139,200	768,000	Wheat Barley Rabi millets Gram Peas and other <i>rabi</i> pulses.	19,000 33,700 1,000 43,000 56,800	16,000 24,500 1,000 36,500 43,109	17,700 13,500 1,000 43,500 41,700	12 14 8 12 12	12 11 13 11 10	The outturn is not good owing to deficiency of rainfall. The decrease in the area under barley is extra-ordinary, and I will call for an explanation.	
Total ...	3,139,200	768,000		148,400	118,900	117,500	12½	12		
Manbhum ...	2,654,080	955,500	Wheat Gram	79,500 66,400	79,500 66,400	79,500 66,400	8 8	8 8	.....	As last year, no estimates of the areas cropped with barley, peas, and other pulses have not been furnished by the Deputy Commissioner.
Total ...	2,654,080	955,500		145,900	145,900	145,900	8	8		
Singbhum ...	2,776,920	1,182,100	Wheat Barley Rabi millets Gram Peas and other <i>rabi</i> pulses	3,000 800 1,300 9,000 29,300	3,000 800 1,300 9,000 29,300	2,500 800 1,300 9,000 29,300	7½	7	No real reason can be given for the decrease in outturn; probably due to irregular rainfall.	The Deputy Commissioner returned this year's area under wheat as 3,000 acres. The figure shown has been taken in preference from the preliminary wheat forecast, 1893-94.
Total ...	2,776,920	1,182,100		43,400	43,400	42,000	7½	7		
All Bengal (exclusive of Nagal and Khandmais from which the return has not been received).	97,149,611	56,197,100	Wheat Barley Rabi millets Gram Peas and other <i>rabi</i> pulses.	1,893,000 1,087,000 389,900 1,384,600 5,210,900	1,526,000 1,050,300 391,100 1,329,100 5,040,500	1,629,500 1,035,700 394,500 1,329,500 4,910,100	19 13½ 12½ 11½ 12	14* 10½ 13 12 13½		* As estimated by this Department.
Total ...	97,149,641	56,197,100		9,888,400	9,248,000	9,044,300	12	12½		

STATEMENT II.

Estimate of Outturn of important Special Crops of Bengal, 1893-94.

1	2	3	4	5	6	7	8	9	10	11
DISTRICT.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Names of special crops.	Approximate normal area under each special crop in acres.	Approximate area in acres under each special crop last year.	Estimated area in acres under each special crop this year.	Taking sixteen annas to represent the average outturn, how many annas represented outturn last year?	Taking sixteen annas to represent the average outturn, how many annas will represent this year's outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Burdwan	1,796,080	1,283,800 { Tobacco ... Sugarcane ...	Tobacco ... Sugarcane ...	600 27,600	900 23,600	300 23,000	Annas. 12 10	Annas. 12 10	The heavy rain during sowing time affected the outturn of tobacco. Owing to excess of rainfall after transplantation the outturn of sugarcane will be less than that of last year.	
Birbhum	1,121,920	459,600 { Sugarcane ... Mulberry ...	Sugarcane ... Mulberry ...	7,000 2,000	7,000 2,000	7,000 2,000	8 12	8 12	Excess of rainfall at sowing time injured the growth of sugarcane. Deficiency of rain at the time of harvest affected the outturn. Mulberry is a crop which is harvested several times in the year. On the whole the outturn was affected by excess of rain during the <i>Saraca</i> and <i>Aswa</i> bunds. A better outturn is expected in the <i>Chaitra</i> bund.	
Bankura	1,677,440	642,800 { Tobacco ... Sugarcane ... Mulberry ...	Tobacco ... Sugarcane ... Mulberry ...	4,000 20,000 200	2,000 17,000 200	1,400 8,800 200	10 12 10	12 8 12	The unusual falling off in the cultivation of sugarcane is due to the heavy showers at the time of cultivation. This has also affected the outturn of the crop to a considerable extent.	The cause of the great falling off in the area under tobacco is not stated. There is no reason why this year's area should fall so short of the normal.

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Names of special crops.	Approximate normal area under each special crop in acres.	Approximate area in special crop last year.	Estimated area in acres under each special crop this year.	Taking sixteen annas to represent the average outturn, how many annas represented outturn last year?	Taking sixteen annas to represent the average outturn, how many annas will represent this year's outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Midnapur	3,319,040	2,111,500	Tobacco Sugarcane Mulberry	9,100 17,700 21,000	8,300 18,300 18,400	4,900 17,600 20,000	Annas. 11 11 13	Annas. 10 11 12	In the Sadar sub-division the lands being higher, the heavy rain has done good to these crops, and the outturn is likely to be better, and a greater area has been brought under cultivation this year. In Contai the crops have suffered to a certain extent owing to the late rainfall in the sub-division. In Tamluk there has been no rainfall from November last, and hence the outturn has fallen below the average. In Ghatal less area was brought under cultivation, and the outturn is likely to be worse than that of last year.	
Hooghly	1,087,360	702,200	Tobacco Sugarcane Mulberry	1,400* 13,700* 900*	1,500* 13,000* 1,000	1,400 13,200 900	10 9 11	11 12 11	In the Sadar sub-division the cultivation of sugarcane is better than the last year, on account of favourable rainfall, and the outturn is expected to be 14 annas. In the Serampur sub-division the tobacco crop was benefited by sufficient rainfall at the time of sowing, and a good outturn is expected. The sugarcane crop was engaged to some extent by excessive rain. Owing to the rain continuing till a late season all the lands in the Jahanabad sub-division could not be cultivated, and even the crops that were grown did not yield a good outturn. In this Ulmaria sub-division owing to want of timely rainfall the tobacco crop has been damaged to some extent. A better outturn of sugarcane and mulberry is expected.	* These figures differ more or less from the corresponding figures in last year's return.

24-Parganas ...	4,150,020	1,253,690	Tobacco Sugarcane	3,060 13,890	1,700 15,200	600 2,100	16 13	16 14	The NW outturn is due to the unequal distribution of rainfall.
Nadia ...	1,782,160	1,303,000	Tobacco Sugarcane	105,000 15,400	85,200 15,400	75,400 14,700	10 ¹ 10 ¹	10 10	The decrease in the area sown in tobacco is due to the heavy rains during the ploughing and sowing season. The outturn is bad owing to want of rain afterwards.
Murshidabad	1,572,160	985,500	Tobacco Sugarcane Mulberry	16,800 34,705 30,100	16,000 34,700 30,100	10,200 34,700 30,100	10 14 14	6 14 13	The growth of sugarcane and mulberry was affected to a certain extent owing to the excessive rainfall during the rainy season.
Jessore	1,572,000	1,116,800	Tobacco Sugarcane	27,600 21,000	26,100 18,000	25,900 16,800	14 16	12 12	Want of timely rainfall is the cause of the poor outturn.
Kulna	3,105,942	570,000	Tobacco Sugarcane	5,000 5,200*	4,900 5,200*	4,900 5,900	14 ¹	13	The outturn decreased owing to the want of rain throughout the winter.
Rajshahi	1,401,230	1,085,000	Ganja Tobacco Sugarcane Mulberry	1,100 1,000 6,500 1,400	1,100 1,000 6,500 1,400	700 1,000 6,500 1,400	16 13 13 12	10 12 14 12	As there had been an entire cessation of rain since end of October, the outturn cannot be expected to be more than what has been shown in column 9.

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Names of special crops.	Approximate normal area under each special crop in acres.	Approximate area in acres under each special crop last year.	Estimated area in acres under each special crop this year.	Taking sixteen annas to represent the average output, how many annas represented output last year?	Taking sixteen annas to represent the average output, how many annas represent this year's output?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Dinajpur ...	2,635,559	1,745,000 { Tobacco ... Sugarcane ...		15,000 27,000	15,000 27,000	15,000 27,000	Annas. 16 16	Annas. 16 16	The decrease in output of sugarcane as compared with that of last year is due to excessive rain this year.	
Jalpaiguri ...	1,895,680	968,400 { Tobacco ... Sugarcane ...		95,200 5,000	89,900 4,000	89,200 4,000	11 7	8 7	The decrease in output of tobacco is owing to want of rain at the sowing time and fall of hailstones before harvesting time.	The reported outputs of tobacco and sugarcane in Jalpaiguri are very low as compared with their outputs in the neighbouring districts of Rangpur and Dinajpur. They have been probably under-estimated.
Darjeeling ...	744,960	180,400 { Tobacco ... Sugarcane ...		1,500 2,700	1,500 2,700	1,500 2,700	13 13	12 12	Both tobacco and sugarcane suffered from excessive rainfall. Hence the output is expected to be less than that of the preceding year.	
Rangpur ...	2,251,040	1,602,700 { Tobacco ... Sugarcane ...		194,000 94,500	194,100 94,500	194,000 94,500	16 16	14 16	The outputs of tobacco and sugarcane were greatly under-estimated by the Sub-divisional Officers. I give the figures in column 9 according to my estimate.	
Bogra ...	929,280	481,000 { Tobacco ... Sugarcane ...		1,000 12,000	1,000 12,000	1,000 12,000	14 16	14 16		

Taluk	Area in acres	Tobacco	Sugar-cane	16,000 70,400	16,600 70,400	17,000 66,000	10 10	11 7	Remarks	The Collector's remark applies to tobacco alone.
Pabna	991,438	882,500	Tobacco Sugar-cane	16,000 70,400	16,600 70,400	17,000 66,000	10 10	11 7	Excessive rainfall after sowing affected the outturn to a considerable extent.	The Collector's remark applies probably to sugarcane alone.
Dacca	1,790,080	937,700	Tobacco Sugar-cane	15,500 27,800	15,500 27,800	15,500 27,800	11	11	In the Manickganj sub-division last year's high flood having fertilised the soil and there being no rain at time of planting, the outturn of tobacco is expected to be better than that of last year (14 annas against 13 annas last year). The outturn of sugarcane in the Narainganj sub-division will be only 6 annas this year owing to high floods.	
Mymensingh	4,052,480	2,405,700	Tobacco Sugar-cane	44,700 40,800	42,200 44,100	44,700 40,800	13 13	11 12	The crops suffered owing to lack of seasonable rainfall.	The Collector's remark applies to tobacco alone.
Faridpur	1,450,880	1,007,500	Tobacco Sugar-cane	500 42,000	500 42,000	500 40,000	8 15	13 2	The sugarcane crop suffered from excessive rainfall and heavy inundation.	
Backergunge	2,335,360	1,343,200	Tobacco Sugar-cane	600 20,500	600 20,500	600 20,500	12 12	8 12	There was no rainfall between 24th October 1893 and 24th February 1894, and consequently the crops are light.	
Noakhali	1,052,800	818,800	Sugarcane	17,900	17,900	17,900	9	9		
Tippah	1,594,940	1,167,300	Tobacco Sugar-cane	67,700 36,500	67,200 36,400	9,900 13,300	13 13	12 14	The decrease in area and outturn is due to want of seasonable rainfall in the Sadar sub-division.	It appears that the Sadar sub-division contains 65,900 acres out of the total normal area of 67,700 acres under tobacco in the district, and 30,900 acres out of the normal sugarcane area of 36,500 acres. It is highly doubtful that there has been really such a great falling off in the area sown with tobacco and sugarcane as the Collector's return shows.

1	2	3	4	5	6	7	8	9	10	11
DISTRICT.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Names of special crops.	Approximate area under each special crop in acres.	Approximate area in acres under each special crop last year.	Estimated area in acres under each special crop this year.	Taking sixteen annas to represent the average outturn, how many annas represented out-turn last year?	Taking sixteen annas to represent the average outturn, how many annas will represent this year's outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Chittagong ...	1,534,841	795,900 {	Tobacco ... Sugarcane ...	14,700 10,100	14,700 10,100	9,300 4,400	Annas. 12 12	Annas. 8 9	Heavy rainfall in the last part of October 1893, and between 28th February and 10th March 1894, injuriously affected the tobacco crop. Sugarcane suffered from the heavy rain in May and June, when earthing and manuring are done.	The cause of the great decline in the areas sown with sugarcane and tobacco is not understood.
Patna ...	1,325,640	993,500 {	Opium (poppy) Tobacco ... Sugarcane ...	11,600 8,000 15,100	9,000 8,100 15,200	11,800 3,000 15,000	10 12 14	134 134 134	The rainfall was favourable throughout. The present figures will not tally with the previous ones for the reason that revised figures were submitted for the Sadar sub-division.	
Gaya ...	3,015,030	2,307,500 {	Opium (poppy) Sugarcane ...	53,000 29,010	53,400 29,000	53,000 29,000	14 16	15 154	The outturn is estimated to be a little below the average owing to untimely rainfall.	
Shahabad ...	2,733,600	1,712,500 {	Opium (poppy) Tobacco ... Sugarcane ...	92,300	52,500	55,400	10	9	Sugarcane suffered from excessive rainfall. The rainfall during the months of January and February has proved injurious to the poppy crop.	This return has not been prepared with sufficient care. The total area cropped last year with poppy, tobacco and sugarcane does not agree with the area returned in last year's estimate of outturn of special crops. The area cropped with each of these crops ought to have been shown separately.
										A 2-anna estimate of the poppy crop in Shahabad would appear to be low by comparison with the reported outturn in the adjoining districts of Gaya and Saran.

Saran	1,057,029	1,352,500	Opium (poppy) Tobacco ... Sugarcane ...	42,500 3,700 51,200	42,810 1,700 51,200	43,000 1,700 52,200	16	16	The increase in area is due to favourable moisture at the time of sowing. In the Kopalganj sub-division a bumper poppy crop was expected, but damp weather during the first fortnight of March 1894 brought about a blight called <i>moortha</i> by the natives which has done considerable mischief (reducing the culture to 11 annas). The weather having continued favourable, a better outturn of poppy is expected than last year.
Champaran	2,269,840	1,422,000	Opium (poppy) Sugarcane ...	60,600 20,000	60,600 20,000	60,000 20,000	13	15	The reduced outturn is due to the injury caused by excessive rains at the ploughing and sowing time.
Muzaaffarpur	1,921,920	1,445,000	Opium (poppy) Tobacco ... Sugarcane ...	2,000 31,000 24,000	20,000 31,000 24,000	20,000 31,000 24,000	14 14 16	14 14 14	The decrease in outturn of sugarcane is due to successive floods which damaged the crop. In the Sadar sub-division the unfavourable weather in February affected the outturn of poppy. In Simastipur the poppy crop was sown late, and its outturn will be less than last year. The late rainfall has improved the condition of the tobacco crop, and its outturn will be therefore better than last year.
Darbhanga	2,134,400	1,820,100	Opium (poppy) Tobacco ... Sugarcane ...	12,300 56,600 73,000	11,800 54,500 72,900	11,800 53,600 72,900	10 11 14	10 11 10	The Collector returned the aggregate normal area under the three crops to be 49,000 acres. The area has been distributed among them in proportion to their respective areas sown this year. 49,000 acres seem to be a very high estimate of the normal area as compared with the areas estimated to have been sown this and last year. It is not explained why the outturn of the poppy crop should be below the average in spite of the season having proved favourable.
Monghyr	2,509,440	1,582,800	Opium (poppy) Tobacco ... Sugarcane ...	19,600 19,400 10,000	30,500 6,500 7,100	30,600 10,500 5,400	11 11 13	13 13 13	The outturn would have been greater if there had been a little more rain in January 1894.
Bhagalpur	2,704,640	2,097,000	Opium (poppy) Tobacco ... Sugarcane ...	300 8,100 63,700	300 7,600 63,700	300 8,100 63,700	12 13 14	12 13 11½	
Purnea	3,196,520	1,731,000	Tobacco ... Sugarcane ...	31,000 9,000	38,000 8,900	38,500 9,200	15 16	14 15	

1	2	3	4	5	6	7	8	9	10	11
District.	Total area of district in acres.	Total area in district cultivated in acres.	Names of special crops.	Approximate normal area under each special crop in acres.	Approximate area in acres under special crop last year.	Estimated area in acres under each special crop this year.	Taking sixteen annas to represent the average outturn, how many annas represented out-turn last year?	Taking sixteen annas to represent the average outturn, how many annas will represent this year's outturn?	Remarks by the District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Maldia	1,217,280	811,500	Tobacco Sugarcane Mulberry	12,500 5,000 68,300	4,300 5,000 63,300	4,000 5,000 50,000	Annas. 14 12 15	Annas. 12 14 14	The area under cultivation has decreased this year for want of rain at the time of planting. There has been no rain during the cold season; hence the outturn is less than last year.	
Southal Parganas.	3,560,160	1,827,300	Tobacco Sugarcane	1,600 14,800	700 14,400	700 14,400	10 10½	10 10	Want of rain has affected the outturn.	
Cuttack	2,324,480	1,161,800	Tobacco Sugarcane	10,800 7,800	5,000 6,200	6,300 5,400	14 10	11½ 12	The low outturn is due to want of rain since October last.	The estimates of normal areas appear to be high.
Puri	1,582,720	721,100	Tobacco Sugarcane	6,400 4,500	6,400 4,500	2,500 2,900	4 10	3 7	The decrease in the outturn of tobacco is attributable to want of rainfall in proper season and that in the outturn of sugarcane has its origin in the fact that the crop was damaged partly by insects and partly by flood water.	The estimates of normal areas appear to be high. Puri appears to have received more rain than the neighbouring districts of Orissa since October last. It is not therefore understood why the outturn of tobacco should be so low.

Balsara	1,352,240	887,100	Tobacco	100	4,400	100	100	100	100	15	16	In the Sagar sub-division the sugarcane crop suffered much from excessive rains and floods during the year.	Return not received.
Angul and Khondmals.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hasaribagh	4,463,440	2,473,500	Opium (poppy) Tobacco Sugarcane	5,900 800 32,100	5,900 800 32,100	5,900 800 32,100	5,900 800 32,100	5,900 800 32,100	5,900 800 32,100	14 13 14	11 14 16	Complete cessation of rains accounts for the deficiency of outturn.	The Collector's remark refers probably to opium and tobacco, and not to sugarcane.
Lohardaga	4,560,600	2,888,300	Tobacco Sugarcane	Not known.	Not known.	Not known.	Not known.	Not known.	Not known.	3 8	3 8	A very small quantity of tobacco and sugarcane is grown in some of the villages in thanes Tamar and Silli, and the produce is so small that it is not at all sufficient to meet the local consumption.	The return of this district is, as usual, very imperfect.
Palamanu	3,130,300	768,000	Opium (poppy) Sugarcane	1,000 3,000	1,000 3,000	1,000 3,000	1,000 3,000	1,000 3,000	1,000 3,000	..... 12	..... 11	The outturn of sugarcane this year is, I think, a low estimate. Police will be called on for explanation.	The area figures shown against Palamanu have been taken from Table A (i) of Agricultural Statistics, 1892-93. The Deputy Commissioner returned the area under sugarcane to be 128,000 acres, which is incredible.
Manthum	2,654,080	955,500	Tobacco Sugarcane	26,500 53,000	26,500 53,000	26,500 53,000	26,500 53,000	26,500 53,000	26,500 53,000	8 16	4 12	The decrease in outturn is due to the heavy rains during the year.	This remark refers probably to sugarcane alone. The estimate of acreage under sugarcane and tobacco appear to be too high.
Singbhum	2,776,920	1,182,100	Tobacco Sugarcane	3,000 3,300	3,000 3,300	3,000 3,300	3,000 3,300	3,000 3,300	3,000 3,300	9	9	The decrease in outturn is due to irregular rainfall.	
All Bengal (exclusive of Shahad and Angul and Khondmals).	94,356,041	54,484,600	Opium (poppy) Garja Tobacco Sugarcane Mulberry	226,300 1,100 883,900 1,021,900 118,900	214,500 1,100 785,900 992,700 116,400	217,000 700 794,000 945,500 104,600	217,000 700 794,000 945,500 104,600	217,000 700 794,000 945,500 104,600	217,000 700 794,000 945,500 104,600	14 16 13 13 14	15 16 14 13 13		*As estimated by the Agricultural Department.
Add for Shahabad.	2,763,600	1,712,500	Opium (poppy) Tobacco Sugarcane	32,300	32,300	32,300	32,300	32,300	32,300	10	9		

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 7th April, 1894.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.			
BURDWAN DIV.	1 Burdwan April 7, '94	0.25	Weather—hot. More rain wanted. Harvesting of potatoes finished. Fodder and water sufficient. Prices of common rice:— <div style="float: right; text-align: right;"> Srs. c. Burdwan 14 to 18 Kalna 10 to 14 Katwa 15 Raniganj 16 } per rupee. </div>
	Kalna 	0.54	
	Katwa 	Nil	
	Raniganj 	0.05	
	2 Birbhum .. 7, '94	Nil	Ordinary hot weather conditions prevail. Practically no crops on the fields. Manuring of fields going on. Common rice sells at from 14 to 18 seers per rupee. Cow-pox is reported from a few villages in the Sadar subdivision, otherwise cattle are doing well and get fodder.
	Rampur Hât 	Nil	
	3 Bankura .. 7, '94	Nil	Weather—normal. Pressing of sugarcane still continues. Rain urgently needed for preparing the fields for the next cultivation. Water and fodder sufficient every where. Common rice selling at— <div style="float: right; text-align: right;"> Srs. c. Fadar 17 Vishnupur 16½ } per rupee. </div>
	4 Midnapore .. 7, '94	Nil	
			Weather—very hot. Slight showers in Ghatal. Prospects of crops fair. Rain is wanted. Prices of common rice:— <div style="float: right; text-align: right;"> Srs. c. Sadar 15 Tamluk 14 Ghatal 14 to 15 } per rupee. </div>
	5 Hooghly .. 7, '94	Nil	
	Serampore 	Nil	Weather—seasonable. No crops now, but new sugarcane and hot weather vegetables. Rain much wanted for ploughing. Prices of common rice:— <div style="float: right; text-align: right;"> Srs. c. Sadar 11 to 12 Serampore 12 to 14 Jahanabad 15 to 16 } per rupee. </div>
	Jahanabad 	Nil	
PRESIDENCY DIV.	6 Howrah .. 7, '94	0.89	Weather—unseasonably hot. <i>Boro</i> crop suffering a good deal for want of rain. Condition of cattle good. Fodder and water-supply sufficient. Price of rice 10 to 14 seers per rupee.
	Ulubaria 	Nil	
	7 24-Parganas .. 7, '9	0.55	Weather—seasonable. No crops on the ground. Ploughing going on for the <i>aus</i> crops. Condition of cattle good. Fodder and water sufficient. Rice sells at— <div style="float: right; text-align: right;"> Srs. c. Sadar 11 to 14 0 Barasat 12 0 Basirhat 14 8½ Diamond Harbour 13 4 } per rupee. </div>
	8 Nadia .. 7, '94	0.11	
	Kushtia 	0.30	Weather—cool nights with heavy dews. Damp winds during the day. Preparation of lands facilitated by slight rain. Sugarcane planting going on. Prices stationary at 12½ to 13 seers per rupee. Fodder and water-supply generally sufficient.
	Meherpur 	Nil	
	Chuadanga 	Nil	
	Ranaghat 	0.55	
	9 Murshidabad .. 7, '94	Nil	Weather—hot and dry. <i>Rabi</i> still being harvested. Sugarcane pressing going on. Fodder and water sufficient for cattle. Small-pox among cattle reported from Panchgram outpost in Kandi subdivision. Common rice sells at 14 seers per rupee.
	10 Jessore .. 7, '94	Nil	
	Jhenida 	Nil	Weather—seasonable. Rain wanted for ploughing and sowing. Sowing of <i>tiz</i> completed. Sugarcane is being planted. Prospects of <i>boro</i> rice fair. Fodder and water sufficient except in Jhenida. Prices of common rice:— <div style="float: right; text-align: right;"> Srs. c. Sadar 12 12 Jhenida 12 0 Magura 11 8 Narail 11 7 Bangaon 10 to 12 0 } per rupee. </div>
	Magura 	0.04	
	Narail 	Nil	
	Bangaon 	Nil	
	11 Khulna .. 7, '94	Nil	
	Bagerhat 	Nil	Weather—hot. Prospects of <i>boro</i> paddy continue fair. Rain is badly wanted for preparation of land for jute. Price of common rice about 13 seers per rupee. Fodder and water sufficient.
	Satkhira 	Nil	

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL— <i>conold.</i>			
RAJBHARI DIV.	12 Rajshahi Nator Naugaon April 7, '94	Nil	Weather—very hot and sultry. The condition of what little of standing crops there is, is not bad; but agricultural operations are greatly impeded for want of rain. Fodder is in some places scarce. Water-supply is sufficient. There is no cattle-disease. Rice is selling at from 12 to 15 seers per rupee.
	13 Dinajpur „ 7, '94	0.72	Weather—occasionally cloudy, with stormy west-wind; nights cool. Sowing of jute and <i>aus</i> going on. Rain has been beneficial, but more is wanted. Common rice selling at from 13 to 15 seers per rupee. No report of any cattle-disease. Fodder and water sufficient.
	14 Jalpaiguri „ 7, '94	Nil	Weather—occasionally cloudy. Nights cool. Rain is wanted. Sowing of <i>bhadoi</i> and jute commenced in places. Common rice sells at— Srs. Sadar ... 14 to 15 } Alipur ... 12 to 13 } per rupee. Fodder and water sufficient.
	15 Darjeeling Siliguri „ 7, '94	0.06 0.36	Weather—seasonable. In the hills:—Wheat and barley being harvested. <i>Bhutta</i> , <i>bhadoi dhan</i> , <i>marua</i> and <i>kagni</i> being planted. <i>Phaphur</i> flowering. In the Terai:—Lands being ploughed. Prices of coarse rice:— Srs. Hills ... 7 to 12 } Terai ... 12 to 13 } per rupee.
	16 Rangpur Nilphamari Kurigaon Gaibanda „ 7, '94	0.82 0.34 0.03 0.35	Weather—cloudy and cool. The rainfall on the 4th has been of great benefit to the sowings, which were retarded for want of rain. About three-fourths of <i>aus</i> crop have been sown. Price of rice from 10½ to 14 seers per rupee.
	17 Bogra Sherpur Naukhila „ 7, '94	4.17 0.35 2.23	Weather—unsettled; thunder and hailstorms. Sowing of <i>aus dhan</i> and jute has commenced. Prospects favourable. The rain has done good. The mango crop has been slightly damaged by the hail. Fodder and water sufficient.
	18 Pabna „ 7, '94	0.42	Weather—hot in the daytime; generally stormy in the morning and evening. Recent rain has benefited the standing crops and facilitated the sowings of the <i>aus</i> crop. More rain is still wanted. Common rice sells at Rs. 3-4 to Rs. 3-8 per maund at Sirajganj and 12 seers per rupee at Sadar. Fodder and water-supply sufficient.
	19 Dacca „ 7, '94	0.71	Weather—hot and stormy in the evening. Prospects of standing crops good. Sowing of jute and rice commenced. Common rice selling at from 8 to 13 seers per rupee. Fodder available. There is want of drinking water in many places. No cattle-disease.
DACCA DIV.	20 Mymensingh „ 7, '94	0.71	Weather—cloudy and hot. Condition of standing crops good. Recent rain has done good to <i>aus</i> and jute crops. Common rice sells at 10½ seers per rupee. Condition of cattle good. Fodder available. Want of good water for drinking and domestic purposes is felt in Kishorganj and Netrakona subdivisions.
	21 Faridpur Goalundo Madaripur „ 7, '94	3.42 1.04 0.21	Weather—seasonable. State of standing crops fair. Sowing of jute and <i>aus dhan</i> has commenced in the Sadar subdivision. Condition of cattle good except in Kotwalipara, whence disease is still reported. Want of water for drinking purposes is reported from police station Baliakandi and outpost Hamdampur in Goalundo subdivision. Fodder is available. Prices of rice:— Srs. Sadar ... 12 } Goalundo ... 13 } Madaripur ... 12 } per rupee.
	22 Backergunge „ 7, '94	Nil	Weather—seasonable. State and prospects of crops fair. Common rice sells at from 10 to 13 seers per rupee. Fodder and water sufficient. Good drinking water is scarce in parts of Pirojpur and Patuakhali subdivisions.
CHITTAGONG DIV.	23 Tippera „ 7, '94	0.65	Weather—seasonable; fine in the daytime, some showers at night. Prospects of standing crops very good. <i>Boro</i> rice is being cut and should give a very good outturn. Jute and <i>aus</i> paddy are coming on well.
	24 Noakhali „ 7, '94	Nil	Weather—seasonable. Harvesting of <i>rabi</i> crops continues. <i>Aus</i> is being sown. The soil is being prepared for <i>aman</i> . Fodder and water sufficient. Prices of common rice— Srs. Noakhali ... 11 } Fenny ... 11½ } per rupee.
	25 Chittagong „ 7, '94	Nil	Weather—seasonable. Sowing of spring crops is nearly over. Prospects poor. Prices steady. Water and fodder supply sufficient.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BIHAR.			
26	Patna April 7, '94	Nil	Weather—hot, with occasional west wind. Harvesting of <i>rabi</i> crops completed; outturn good. Threshing and winnowing in progress. <i>Rahar</i> being reaped. Sugarcane being planted. Common rice sells at— <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="display: flex; flex-direction: column; align-items: center;"> <div>Srs.</div> <div>Sadar 15½</div> <div>Barh 15</div> <div>Bihar 17</div> <div>Dinapore 16</div> </div> <div style="margin-left: 10px;">} per rupee</div> </div>
27	Gaya „ 7, '94 Jahanabad ... Aurangabad ... Nawada ..	Nil Nil Nil Nil	Weather—hot. Harvesting of <i>rabi</i> crops over. Transplanting of sugarcane and sowing of <i>cheena</i> begun. Opium weighment going on. Common rice sells at from 14 to 19 seers per rupee. Fodder and water-supply ample.
28	Shahabad „ 7, '94	Nil	Weather—seasonable. Harvesting of <i>rabi</i> is nearly completed. Sugarcane being planted and <i>cheena</i> sown.
29	Saran „ 7, '94 Siwan ... Gopalganj ...	Nil Nil Nil	Weather—seasonable. Harvesting of <i>rabi</i> completed. <i>Cheena</i> doing well. Fodder and water plentiful. Prices of common rice :— <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="display: flex; flex-direction: column; align-items: center;"> <div>Srs. c.</div> <div>Chapra 14 0</div> <div>Siwan 13 8</div> <div>Gopalganj 14 7</div> </div> <div style="margin-left: 10px;">} per rupee.</div> </div>
30	Champeran „ 7, '94	Nil	Weather—heat increasing. <i>Rabi</i> crop is being reaped. Opium weighments commenced. Prices stationary.
31	Muzaffarpur „ 7, '94	Nil	Weather—unsettled. Winds hot. Harvesting of <i>rabi</i> still continues. Opium weighment has commenced. No disease among cattle. Fodder and water sufficient.
32	Darbhangha „ 7, '94	Nil	High west wind prevailing. <i>Rabi</i> harvest nearly over. Paddy and <i>mung</i> being sown, but rain is much wanted. Ploughing for <i>bhadoi</i> crops begun. Fodder and water for cattle sufficient. Prices remain steady.
33	Monghyr „ 7, '94 Begusarai ... Jamui ...	Nil Nil Nil	Weather—getting warmer. Harvesting of <i>rabi</i> crops is being completed. Outturn of wheat, barley, oil-seeds and opium good. Indigo doing well. Sugarcane plantation going on. Small-pox among cattle towards Nawadih. Water sufficient, but fodder is wanting in the Begusarai subdivision. Common rice selling at— <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="display: flex; flex-direction: column; align-items: center;"> <div>Srs.</div> <div>Sadar 11 to 16</div> <div>Begusarai 14</div> <div>Jamui 15</div> </div> <div style="margin-left: 10px;">} per rupee.</div> </div>
34	Bhagalpur „ 7, '94 Banka ... Madhupura ... Supaul ...	Nil Nil Nil Nil	Weather—has been comparatively cool for the greater part of the week, but the hot winds have now set in. Prospects of crops good, but rain is urgently required, especially for indigo. Price of common rice 16 seers 6 chitaks per rupee.
35	Purnea „ 7, '94 Kishanganj ... Araria ...	Nil Nil Nil	Weather—hot and cloudy with east wind. Sowing of jute and sugarcane plantation going on. Cutting of <i>rabi</i> is over; the outturn is satisfactory. Rain is urgently wanted. No cattle-disease. Fodder and water sufficient. Price of rice stationary— <div style="display: flex; justify-content: flex-end; align-items: center;"> <div style="display: flex; flex-direction: column; align-items: center;"> <div>Srs.</div> <div>Sadar 13 to 18</div> <div>Kishanganj 15</div> <div>Araria 17</div> </div> <div style="margin-left: 10px;">} per rupee.</div> </div>

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.															
BIHAR—concl'd.																		
BHAGALPUR DIVN.—concl'd.	36 Walda April 7, '94	Nil	Weather—growing hot daily; strong west wind prevails. Rain urgently wanted. Harvesting of <i>rabi</i> crops nearly completed. <i>Boro</i> partly thriving. Lands are being prepared for <i>bhadoi</i> crops. Ordinary rice selling at from 13 to 19 seers per rupee. Fodder and drinking water ample.															
	37 Sonthal Parganas „ 7 '94	0.21	Weather—hot and windy. Hailstones fell on the 5th instant. <i>Rabi</i> crops being harvested. <i>Mahua</i> crop not up to average. A good crop of sugarcane. Fodder and water sufficient. Common rice selling at from 13 to 17 seers per rupee.															
	Deoghur ...	Nil																
	Jamtara ...	Nil																
Rajmahal ...	Nil																	
ORISSA.																		
ORISSA DIVN.	38 Cuttack „ 7, '94	Nil	Weather—hot. <i>Dalua</i> rice and tobacco maturing and in some places being cut. Supply of fodder and water sufficient. Common rice sells at — <table><tr><td></td><td>Srs. C.</td><td>Srs. C.</td></tr><tr><td>Sadar</td><td>10</td><td>8 to 15 12</td></tr><tr><td>Jajpur</td><td>13</td><td>2 to 15 2</td></tr><tr><td>Kendrapara</td><td>15</td><td>0 to 16 0</td></tr><tr><td>Banki</td><td>...</td><td>15 12</td></tr></table> } per rupee.		Srs. C.	Srs. C.	Sadar	10	8 to 15 12	Jajpur	13	2 to 15 2	Kendrapara	15	0 to 16 0	Banki	...	15 12
		Srs. C.	Srs. C.															
	Sadar	10	8 to 15 12															
	Jajpur	13	2 to 15 2															
Kendrapara	15	0 to 16 0																
Banki	...	15 12																
39 Balasore „ 7, '94	0.31	Weather—hot with occasional storms. <i>Dalua</i> rice being reaped in places. Sugarcane being planted. Land being ploughed where there has been sufficient rain. Fodder and water sufficient. Coarse rice sells at:— <table><tr><td></td><td>Srs.</td></tr><tr><td>Balasore</td><td>18</td></tr><tr><td>Bhadrak</td><td>16</td></tr></table> } per rupee.		Srs.	Balasore	18	Bhadrak	16										
	Srs.																	
Balasore	18																	
Bhadrak	16																	
40 Puri „ 5, '94	Nil	Weather—seasonable. Rain is wanted for cultivation of lands for the ensuing paddy crop. <i>Dalua</i> rice is in ear. <i>Mung</i> is being gathered. Sugarcane and cotton are doing well. Rice sells at from 17½ to 18½ seers per rupee. Cattle-disease reported from the interior.																
CHOTA NAGPUR.																		
South-West Frontier Agency.																		
CHOTA NAGPUR DIVN.	41 Hazaribagh April 7, '94	Nil	Weather—seasonable: hot with strong west winds. Harvesting of <i>mahua</i> continues with good outturn. Fodder and water sufficient. Price of common rice stationary—13 to 16 seers per rupee.															
	Giridi ...	Nil																
	4 Lohardaga „ 7, '94	Nil	Weather—hot. Ploughing continues. Reaping of wheat and barley finished. Common rice selling at 16 seers per rupee. Fodder and water sufficient.															
	43 Palamau „ 6, '94	Nil	Weather—seasonable. <i>Rabi</i> harvesting nearly finished. Sugarcane plantation in progress in some parts of the district, while in others the plants are thriving. Prospect of <i>mahua</i> crop fair. Rice selling at from 16 to 18 seers per rupee. Fodder and water-supply plentiful.															
	44 Manbhum „ 7, '94	Nil	Weather—hot with westerly winds. Prospects of crops good. Sugarcane being planted. Price of common rice 12 to 16 seers per rupee. Fodder and water sufficient.															
Gobindpur ...	Nil																	
45 Singhbhum „ 7, '94	Nil	Weather—daily getting warmer. A little rain would do good. Prospects of <i>mahua</i> very bright. Mango will be a total failure. Rice selling at from 10 to 16 seers per rupee. Fodder and water-supply sufficient.																

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 10th April, 1894.C. E. BUCKLAND,
Secy. to the Govt. of Bengal.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the

Number.	DISTRICTS.	QUANTITIES PER RUPEE 1																	
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLUM (<i>Sorghum Vulgare.</i>)					
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
BENGAL,																			
BURDWAN DIVISION.	1 Burdwan	16 0	15 0	13 4	...	...	...	12 6	12 12	10 8	15 6	15 12	12 0	...	...	...
	2 Birbhum	9 12	9 12	10 4	...	...	...	12 0	12 0	11 8	15 12	15 12	13 8	...	...	...
	3 Bankura	16 4	16 4	12 0	...	...	...	12 10	12 10	10 0	17 0	16 4	11 12	...	...	...
	4 Midnapore	11 0	11 0	11 0	...	...	...	12 13	10 2	10 0	15 10	15 10	12 12	...	...	...
	5 Hooghly	14 6	14 6	11 0	20 8	20 8	11 0	8 4	8 4	8 0	11 8	11 8	10 0	...	...	...
	6 Howrah	...	...	...	...	...	...	10 0	10 0	9 4	12 5	12 0	11 0	...	...	...
PRESIDENCY DIVISION.	7 24-Parganas	13 0	13 0	11 0	20 0	18 0	16 0	8 0	8 0	8 0	13 0	13 0	12 8	18 0	16 0	16 0			
	8 Calcutta	13 14	13 5	12 4	16 9	16 9	17 0	7 9	7 9	7 4	10 5	10 2	10 0	18 12	20 0	20 0			
	9 Nadia	19 8	16 12	13 1	21 4	24 6	23 0	8 0	8 0	10 0	13 1	13 1	12 12	...	...	...
	10 Murshidabad	16 0	15 0	13 0	...	...	...	10 0	10 0	10 0	14 0	14 0	13 0	...	...	...
	11 Jessore	11 4	12 0	11 0	...	...	...	10 0	10 0	9 0	12 12	13 0	12 8	...	...	...
	12 Khulna	...	...	...	...	...	...	11 8	10 8	10 10	13 4	13 0	12 14	...	...	...
RAJSHAHI DIVISION.	13 Rajshahi	16 8	13 8	15 0	26 4	30 0	26 4	12 0	10 8	10 8	13 8	13 2	12 6	...	...	...
	14 Dinajpur	13 3	12 0	9 10	12 0	13 0	15 12	12 0	11 0	10 12	15 0	14 8	13 12	...	...	...
	15 Jalpaiguri	12 0	13 0	11 0	14 0	13 8	13 0	9 0	9 0	10 0	13 0	13 8	14 0	...	...	...
	16 Darjeeling	8 0	8 0	8 0	9 0	9 0	10 0	5 8	5 8	5 0	12 0	12 0	10 0	...	...	...
	17 Rangpur	12 13	13 0	12 0	...	...	...	9 0	9 0	10 0	13 12	13 4	12 0	...	...	...
	18 Bogra	12 0	15 12	10 0	...	...	...	9 12	9 12	9 12	13 8	12 12	13 8	...	...	...
DACCA DIVISION.	19 Pabna	18 12	18 12	14 4	22 8	22 8	22 8	6 0	6 0	6 4	12 6	12 6	12 8	...	...	...
	20 Dacca	12 0	12 0	11 0	...	...	...	10 0	8 8	10 8	12 0	12 0	11 4	...	...	...
	21 Mymensingh	9 8	9 8	9 8	...	...	...	9 0	9 0	10 0	10 0	10 0	11 0	...	...	...
	22 Faridpur	16 0	17 0	11 4	16 0	16 0	20 0	7 8	7 8	8 0	12 4	12 0	12 0	...	...	...
	23 Backergunge	...	...	...	...	...	...	10 11	8 6	10 4	12 0	11 0	11 8	...	...	...

- A In the subdivisions the retail prices of salt per rupee are :—Kalna 10 seers, Katwa 10½ seers, and Raniganj 10 seers.
 B At Rampur Hât the retail price of salt is 11 seers per rupee.
 C At Vishnupur the retail price of salt is 10 seers per rupee.
 D In the subdivisions the retail prices of salt per rupee are :—Contai 8 seers, Tamluk 10½ seers, and Ghatal 10 seers 7 chitaks.
 E In the subdivisions the retail prices of salt per rupee are :—Serampore (Bhadreswar) 10 seers, Jahanabad 10 seers.
 F At Ulubaria the retail price of salt is 10 seers per rupee.
 G In the marts in the interior of the district the retail prices of salt per rupee are :—Chetla 10 seers 10½ chitaks, Barasat 10 seers, Magra Hât 9 seers 2 chitaks, and Baduria 10½ seers.
 H In the subdivisions the retail prices of salt per rupee are :—Kushtia (Bahadurkhal) 10½ seers, Chuadanga 10 seers, Meherpur 10½ seers, and Ranaghat 10 seers.
 I In the subdivisions the retail prices of salt per rupee are :—Kandi 10½ seers, Jangipur 10½ seers.
 J In the subdivisions the retail prices of salt per rupee are :—Jhenida 9 seers, Magura 9 seers 6 chitaks, Narail 9½ seers, and Bangaon 10 seers.

EERS OF 80 TOLAHS.

BAJRA OR CUMBU.
(*Pennisetum typhoides*.)

MARUA OR RAGL.
(*Eleusine Corocana*.)

Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding re- turn.	Corresponding re- turn of last year.
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Ch. S. Ch. S. Ch. S. Ch. S. Ch. S. Ch.

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KANGNI OR KAKUN,
ITALIAN MILLET.
(*Setaria italica*.)

GRAM, CHANA,
CHHOLA, KADALAY
OR SUNAGA.
(*Cicer arietinum*.)

Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding re- turn.	Corresponding re- turn of last year.
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S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
...	19	0	18	0	16	8
...	16	8	16	8	14	0
...	17	8	17	8	13	8
...	16	0	16	0	14	8
...	15	0	15	0	11	8
...

8	0	8	0	6	0	20	0	20	0	16	0
7	4	7	12	...	...	16	13	16	6	12	4
...	...	...	...	...	...	21	8	22	13½	19	12
...	...	...	...	...	...	20	0	20	0	16	0
...	...	...	...	...	...	16	0	13	0	14	8
...	...	...	...	...	...	12	0	11	0	10	10

...	...	...	...	24	0	24	0	18	12
...	...	...	...	14	12	14	12	12	0
...	...	...	...	15	0	16	0	13	4
...	...	...	...	12	0	12	0	10	0
...	...	...	...	15	0	17	0	13	0
...	...	...	...	12	0	16	14	10	10
...	...	...	...	16	0	16	0	14	8

...	...	...	...	17	0	17	0	13	0
...	...	...	...	12	8	12	8	12	8
...	...	...	...	10	0	10	0	11	4
...	...	...	...	16	0	16	0	13	0

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the Head-quarters

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN																
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLUM. (Sorghum Vulgare.)				
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.		
BENGAL—continued.																		
CHITTAGONG DIVISION.	24	Tippera	...	10 0	10 0	11 0	...	...	...	9 8	9 0	8 12½	11 0	10 8	11 0	...	...	...
	25	Noakhali	...	...	...	...	...	...	10 0	9 4	10 6	11 8	11 0	12 0	...	...	...
	26	Chittagong	...	11 0	11 0	8 14	...	...	...	11 0	10 0	11 8	12 8	11 14	13 4	...	...	...
BIHAR.																		
PATNA DIVISION.	27	Patna	...	17 8 15 0	Red. 18 0 White. 17 0	13 8 12 8	24 0	25 0	24 0	10 0	10 0	9 8	16 8	15 8	16 0	24 0	16 0	28
	28	Gaya	...	15 0	14 8	13 0	21 0	19 4	19 8	10 8	10 4	10 0	16 0	16 0	13 8	17 4	19 0	17 4
	29	Shahabad	...	12 0	13 0	12 0	20 0	20 0	14 0	8 0	8 0	8 0	13 0 16 0	15 0	15 0	...	...	...
	30	Saran	...	...	14 8	12 4	...	22 0	18 8	...	10 0	10 8	14 8	14 8	14 4	...	...	...
	31	Champaran	...	12 4	12 4	10 8	26 0	24 0	17 8	8 8	8 8	8 12	15 4	15 4	15 4	...	...	...
	32	Muzaffarpur	...	13 0	13 0	12 8	19 0	20 0	22 0	8 0	8 0	8 0	13 14	14 8	14 0	...	...	...
BHAGALPUR DIVISION.	33	Darbhangha	...	15 6	15 3	11 0	27 8	24 3	11 0	13 0	13 5	10 0	16 0	16 8	13 3	...	...	...
	34	Monghyr	...	14 11 17 14	14 11 15 12	11 0 15 12	22 0	21 0	16 13 17 14	11 8	10 8	8 14 10 8	14 11	14 11	14 4	...	...	...
	35	Bhagalpur	...	16 6	15 0	12 10	21 7	21 7	15 2	12 10	12 10	12 10	14 8	16 6	15 2	...	...	...
	36	Purnea (Kasba)	...	18 0	16 0	8 0	...	...	...	13 0	13 0	12 0	16 0	15 0	14 0	...	...	...
	37	Malda (English Bazar).	...	16 0	16 0	12 8	...	...	...	10 0	10 0	11 0	15 0	15 0	14 0	...	...	...
	38	Sonthal Parganas.	...	12 8	12 8	9 12	...	...	...	12 0	12 0	11 8	16 0	16 0	14 0	...	...	...
ORISSA.																		
ORISSA DIVISION.	39	Cuttack	...	13 2	14 7	10 8	...	...	...	10 8	10 8	10 8	15 12	16 7	14 7	...	...	...
	40	Balasore	...	14 0	14 0	11 0	8 0	8 0	10 0	12 0	12 0	10 0	18 0	18 0	15 0	...	...	...
	41	Puri	...	10 8	10 8	9 3	...	...	...	7 14	7 14	9 3	17 1	17 1	14 7	...	...	...
CHOTA NAGPUR.																		
CHOTA NAGPUR DIVISION.	42	Hazaribagh	...	12 0	12 0	8 8 new 12 0	16 0	14 0	14 8	8 0	8 0	8 0	13 0 new 15 0	13 0	12 8	...	...	...
	43	Lohardaga (Ranchi).	...	11 0 7 0 to 9 0	Red. 12 0 White. 8 0 to 10 0	11 0 7 0 10 0	18 0 to 20 0	18 0 to 20 0	13 0	13 0 to 14 0	13 0 to 14 0	11 8 17 0	16 0 to 18 0	13 0 to 15 0	...	...	...
	44	Palamanu (Dalton-ganj.)	...	16 14	14 10	15 12	23 0	10 0	27 0	11 4	11 4	10 2	15 12	15 3	12 15	...	...	...
	45	Manbhum	...	14 0	14 0	13 0	20 0	20 0	10 0	11 0	10 8 to 13 0	9 0 to 10 0	15 0 to 16 0	14 8 to 16 0	11 8 to 13 0	...	...	...
46	Singhbhum	...	14 0	12 0	12 0	8 0	...	...	12 0	12 0	10 0	14 0	14 0	14 0	...	...	...

T In the subdivisions the retail prices of salt per rupee are :—Brahmanbaria 9 seers 2 chitaks and Chandpur 8 seers.

U At Penny Hat the retail price of salt is 8 seers per rupee.

U1 At Cox's Bazar the retail price of salt is 8½ seers per rupee.

V In the subdivisions the retail prices of salt per rupee are :—Barh 11½ seers, Bihar 10 seers, and Dinapore 10 seers.

W In the subdivisions the retail prices of salt per rupee are :—Jahanabad 10 seers, Aurangabad 9½ seers, and Nawada 9 seers.

X In the subdivisions the retail prices of salt per rupee are :—Buxar 10½ seers, Sasaram 10 seers, and Bhabhua 9½ seers.

Y At Siwan the retail price of salt is 10 seers 6 chitaks per rupee.

Z At Bettiah the retail price of salt is 10 seers per rupee.

a In the subdivisions the retail prices of salt per rupee are :—Hajipur 10 seers and Sitamarhi 11 seers.

CALCUTTA,
The 10th April, 1894.

SEERS OF 80 TOLAHS.

BAJRA OR CUMBU. (<i>Pennisetum typhoides</i> .)			MARUA OR RAGI. (<i>Eleusine Corocana</i> .)		
Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding re- turn.	Corresponding re- turn of last year.

S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...
...
...

...
15 4	15 4	18 0	...	...	...
...
...	...	...	20 0	20 0	20 0
...
...	...	...	20 0	20 0	25 0
...	...	...	26 7	24 8	24 3

...
...
...
16 0	16 0	18 0	...	...	...
...

...
...
...

...	...	...	24 0	23 0	21 0
...	...	...	30 0	31 0	26 0
...
16 0	...	16 0	...	...	...
...

KANGNI OR KARUN,
ITALIAN MILLET.
(*Setaria italica*.)

GRAM, CHANA,
CHHOLA, KADALAY
OR SUNAGA.
(*Cicer arietinum*.)

Present return.	Next preceding re- turn.	re- turn of last year.	Present return.	Next preceding re- turn.	re- turn of last year.
-----------------	-----------------------------	---------------------------	-----------------	-----------------------------	---------------------------

S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
...	16	0	14	0	11	0
...	13	0	12	8	11	4
...	12	8	12	8	11	0

16	0	20	0	22	0	22	0	23	0	22	0
13	4	14	4	16	4	20	0	22	0	16	0
...	...	...	...	20	0	20	0	15	0		
16	0	16	0	19	0	22	0	21	4	17	8
...	...	...	...	23	0	23	8	15	4		
...	...	...	...	21	8	19	8	20	0		
...	...	...	...	24	8	23	1	12	1		

12 10	13 10	14 11	{ 23 1 to 25 3	24 0	{ 22 1 to 23 1
...		20 3		20 3	14 8
...	...	...	10 0	25 0	10 0
13 0	13 0	13 0	16 0	16 0	11 0
...	...	...	16 0	16 0	15 4

...	...	...	...	15	12	16	7	19	11
...	...	...	...	12	0	12	0	12	0
...	...	...	...	16	0	16	0	16	0
...	...	...	...	15	1	15	1	17	1

...	...	...	...	16	0	14	0	12	0
...	...	...	...	Dall. 9 8					
...	...	...	...	Pulse. 14 0	13	0	to 15 0	9	0
...	...	...	...	21	15	21	15	19	2
...	...	...	...	17	0	17	0	14	8
...	...	...	...	12	0	12	0	12	0

Station Bazars of the Districts of Bengal on the 31st March, 1894—(concluded).

															WHOLESALE PRICES PER MAUND OF 40 SEERS.						DISTRICTS.	Number.
INDIAN-CORN OR MAIZE. (Zea Mays.)			ARHAR OR THUR, CADJAN PEA. (Cajanus indicus.)			FIREWOOD.			SALT.			SALT.										
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.								
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.								
...	...	...	7 0	8 0	11 5	...	...	...	T 8 0	8 0	10 13½	4 2 0	4 4 0	3 12 0	Tippera.	24	
...	...	...	...	...	...	...	...	...	U 8 8	8 0	10 0	4 8 0	4 8 0	4 0 0	Noakhali	25
...	...	...	...	...	...	80 0	80 0	80 0	U1 10 0	10 0	10 0	3 14 0	3 14 0	3 13 0	Chittagong.	26	
BENGAL—continued.																						
22 0	22 0	23 0	25 0	25 0	22 0	130 0	130 0	130 0	V 10 0	11 0	11 8	3 12 0	3 10 0	3 8 0	Patna.	27						
...	...	...	19 0	19 0	19 0	120 0	120 0	120 0	W 9 12	9 12	10 0	4 1 0	4 1 0	3 12 0	Gaya.	28				
20 0	20 0	20 0	20 0	19 0	21 0	140 0	140 0	160 0	X 10 8	10 8	11 0	3 13 0	3 14 0	3 10 0	Shahabad.	29						
20 0	20 8	21 8	24 0	24 0	18 8	200 0	200 0	210 0	Y 9 12	9 12	10 8	4 0 0	4 1 0	3 10 6	Saran.	30						
17 8	17 10	21 12	22 8	22 12	16 0	180 0	180 0	160 0	Z 10 8	10 8	10 8	3 13 0	3 12 0	3 12 0	Champaran.	31						
20 0	19 0	22 0	21 8	21 8	17 0	160 0	160 0	160 0	a 11 0	11 0	11 0	3 10 0	3 10 0	3 10 0	Muzaffarpur.	32						
21 8	19 12	24 0	23 4	24 3	16 0	176 0	176 0	176 0	b 11 0	11 0	10 4	3 8 0	3 8 0	3 12 0	Darbhanga.	33						
19 15	22 0	18 14½ to 22 1	21 0 to 22 0	23 1½	15 3 to 18 14½	147 0 to 168 0	126 0 to 168 0	120 0 to 160 0	c 10 8	10 8	10 12	3 12 0	3 14 0	3 7 6	Monghyr.	34						
21 7	20 3	21 7	17 11	16 6	15 12	125 4	125 4	151 8	d 10 1	10 0	10 11	4 0 0	4 0 0	3 12 0	Bhagalpur.	35						
...	...	...	16 0	16 0	12 0	320 0	320 0	320 0	e 10 0	10 0	10 0	4 0 0	4 0 0	3 10 2	Purnea (Kasba).	36				
25 0	25 0	...	13 0	13 0	12 0	100 0	100 0	160 0	9 0	9 0	10 0	...	...	...	Malda (English Bazar).	37			
19 0	21 0	22 8	19 0	19 0	22 8	140 0	140 0	200 0	f 10 0	10 0	10 8	3 12 0	3 12 0	3 10 3	Sonthal Parganas.	38						
...	...	...	19 11	19 0	19 1	80 0	80 0	80 0	g 10 12	10 12	10 12	3 12 0	3 12 0	3 6 0	Cuttack.	39				
...	...	...	11 0	11 0	10 12	130 0	130 0	160 0	h 10 0	10 8	11 0	3 12 0	3 12 0	3 10 0	Balasore.	40				
...	...	...	17 11	17 11	15 12	80 0	80 0	80 0	10 10	10 10	11 8	3 10 0	3 10 0	3 5 0	Puri.	41				
CHOTA NAGPUR.																						
18 0	18 0	17 0	16 0	14 0	15 0	240 0	240 0	240 0	i 8 0	8 0	9 0	4 8 0	4 8 0	3 15 0	Hazaribagh.	42						
18 0	20 0	18 0	Dall. 7 0 to 12 0 pulse, 10 8 to 18 0	Big. 10 0 to 17 8	Big. 13 12 to 16 0	160 0	160 0	140 0	9 0	9 0	9 4	4 6 0	4 5 0	4 2 0	Lohardaga (Ranchi).	43						
...	23 10	22 8	20 4	18 9	...	...	...	...	8 6½	8 7	...	...	...	...	Palamau (Daltonganj.)	44
28 0	28 0	18 0	18 0	20 0	18 0	...	...	...	j 10 0	9 2	10 10	4 0 0	4 0 0	3 10 0	Manohum.	45			
...	...	...	14 0	16 0	14 0	100 0	100 0	100 0	8 0	8 0	9 0	4 6 0	4 6 0	4 6 0	Singbhum.	46				

b In the subdivisions the retail prices of salt per rupee are :—Madhubani 11 seers and Samastipur 10 seers.

c In the subdivisions the retail prices of salt per rupee are :—Begusarai 10 seers and Jamui 10 seers.

d In the subdivisions the retail prices of salt per rupee are :—Banka 9 seers 6 chitaks, Madhipura 9 seers, and Supaul 10 seers.

e In the subdivisions the retail prices of salt per rupee are :—Kishanganj 9 seers and Arraria 9 seers.

f In the subdivisions the retail prices of salt per rupee are :—Deoghur 10 seers, Godda 9 seers, Jamtara 9 seers, Pakur not reported.

g In the subdivisions the retail prices of salt per rupee are :—Jajpur 9 seers, Kendrapara 9 seers, and Banki 11 seers.

h At Bhadrak the retail price of salt is 9 seers per rupee.

i At Giridih the retail price of salt is 11 seers per rupee.

j At Gobindpur the retail price of salt is 11 seers per rupee.

Published for general information.

G. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt

Number.	MARTS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	2 14 0	3 0 0	3 4 0	2 6 0	2 6 6	2 5 0	5 4 0	5 4 0	5 9 0	3 14 0	3 15 0	4 0 0
2	Sirajganj ...	2 6 0	2 6 0	3 0 0	...	...	...	5 10 0	...	6 0 0	3 8 0	3 8 0	3 8 0
3	Dacca ...	3 4 0	3 0 0	3 10 0	Nil	Nil	Nil	4 0 0	4 8 0	3 11 0	3 4 0	3 4 0	3 7 0
4	Narayanganj ...	...	...	...	...	...	...	3 8 0	3 13 0	3 10 0	3 2 0	3 2 0	3 6 0
5	Chittagong ...	3 6 0	3 6 0	4 8 0	...	...	...	3 8 0	4 0 0	3 6 0	3 0 0	3 5 0	2 15 0
6	Patna ...	2 3 6	Red. 2 3 6	2 15 6	1 9 6	1 9 6	1 10 6	3 14 0	4 0 0	4 3 10	2 6 0	2 9 3	2 8 0
		2 6 0	White. 2 6 0	3 5 6									
7	Balasore ...	2 12 0	2 12 0	3 8 0	4 12 0	4 12 0	3 12 0	3 2 0	3 0 0	3 12 0	2 2 0	2 2 0	2 10 0
8	Puri ...	3 6 0	3 6 0	4 4 0	...	...	...	5 1 0	5 1 0	4 4 0	2 4 0	2 4 0	2 11 0
9	Cuttack ...	3 0 0	2 12 0	3 10 0	...	...	...	3 10 0	3 10 0	3 10 0	2 8 0	2 7 0	2 12 0

CALCUTTA,

The 10th April, 1894.

PRICES PER MAUND					
JOWAR OR CHOLUM. (<i>Sorghum Vulgare</i> .)			BAJRA OR CUMBU. (<i>Pennisetum typhoides</i> .)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
2 2 0	2 0 0	2 0 0	2 9 0	2 9 0	Nil
...
Nil	Nil	Nil	Nil	Nil	Nil
...
...
1 9 6	2 8 0	1 7 0	...	...	...
...
...
...

OF 40 SEERS.

MARUA OR EAGI. (<i>Eleusine Corocana.</i>)			KANONI OR KARUN, ITALIAN MILLET. (<i>Setaria italica.</i>)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	A. P.	R. A. P.	R. A. P.
Nil	Nil		5	5 2 0	Nil
...
Nil	Nil	Nil	Nil	Nil	Nil
...
...
...	...	...	2 6 0	2 0 0	1 13 6
...
...
...

in the under-mentioned *Marts* of Bengal on the 31st March, 1894.

GRAM, CHANA, CHHOLA, KADALAY OR SUNAGA. (<i>Cicer Arietinum.</i>)			INDIAN-CORN OR MAIZE. (<i>Zea Mays.</i>)			ARHAR OR THUR, CADJAN PEA. (<i>Cajanus indicus.</i>)			FIREWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
2 6 0	2 7 0	2 12 0	1 12 6	1 13 3	2 0 0	2 3 0	2 2 0	3 0 0	0 6 9	0 6 9	0 7 0	3 9 0	3 9 0	4 0 0	Calcutta.
2 6 0	2 6 0	3 4 0	...	...	...	...	...	...	0 6 6	0 6 6	0 6 6	3 10 0	3 14 0	3 8 0	Sirajganj.
2 4 0	2 4 0	3 0 0	Nil	Nil	Nil	2 0 0	2 0 0	2 4 0	0 5 0	0 5 0	0 5 0	4 0 0	4 0 0	3 10 0	Dacca.
2 8 0	2 0 0	...	...	...	...	1 14 0	1 12 0	...	0 6 0	0 6 0	0 6 0	4 0 0	3 10 0	3 10 0	Narayangan.
2 0 0	3 0 0	3 8 0	...	...	...	...	...	...	0 8 0	0 8 0	0 8 0	3 14 0	3 14 0	3 13 0	Chittagong.
1 11 6	1 11 6	1 13 0	1 11 6	1 13 0	1 11 6	1 8 9	1 9 6	1 13 0	0 5 0	0 5 0	0 5 0	3 12 0	3 10 0	3 8 0	Patna.
2 14 0	2 14 0	2 14 0	...	...	...	3 8 0	3 8 0	3 10 0	...	...	...	3 12 0	3 12 0	3 10 0	Balasore.
2 7 0	2 7 0	2 5 0	...	...	...	2 1 0	2 1 0	2 8 0	0 8 0	0 8 0	0 8 0	3 10 0	3 10 0	3 5 0	Puri.
2 8 0	(Kalai) 2 7 0	2 0 0	...	...	...	2 0 0	2 0 0	2 0 0	0 8 0	0 8 0	0 8 0	3 12 0	3 12 0	3 6 0	Cuttack.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

STOCK IN HAND AS COMPILED ON—

NAMES OF MARKS.	STOCK IN HAND AS COMPILED ON—												
	1st week of April 1893.	1st week of May 1893.	1st week of June 1893.	1st week of July 1893.	1st week of August 1893.	1st week of Sept. 1893.	1st week of Oct. 1893.	1st week of Nov. 1893.	1st week of Dec. 1893.	1st week of Jan. 1894.	1st week of Feb. 1894.	1st week of March 1894.	1st week of April 1894.
Baliaghata	Mds. 9,04,000	Mds. 13,32,000	Mds. 11,73,000	Mds. 10,31,000	Mds. 8,86,000	Mds. 8,67,000	Mds. 7,10,500	Mds. 4,83,000	Mds. 4,11,000	Mds. 3,19,000	Mds. 6,07,000	Mds. 6,08,000	Mds. 9,32,500
Uitadanga	Mds. 1,66,500	Mds. 1,15,000	Mds. 1,17,500	Mds. 1,19,700	Mds. 1,09,400	Mds. 65,000	Mds. 61,300	Mds. 53,300	Mds. 45,400	Mds. 42,000	Mds. 53,700	Mds. 54,900	Mds. 54,300
Chitpur, Golabares, Kunar- tooly, Hathkolia, and Guipi Ghat.	Mds. 6,46,600	Mds. 6,43,000	Mds. 6,68,000	Mds. 6,65,300	Mds. 6,64,900	Mds. 6,84,500	Mds. 7,06,700	Mds. 6,25,600	Mds. 4,77,000	Mds. 6,42,100	Mds. 5,60,500	Mds. 6,48,800	Mds. 6,20,600
Pathuriahatia, Posta, and Jorabagan.	Mds. 3,000	Mds. 2,000	Mds. 2,500	Mds. 3,000	Mds. 2,000	Mds. 2,500	Mds. 3,000	Mds. 2,000	Mds. 1,500	Mds. 2,000	Mds. 2,500	Mds. 2,000	Mds. 2,500
Tollygunge, Chetia, Kidderpore, and Moushikani.	Mds. 1,56,700	Mds. 1,55,300	Mds. 1,70,200	Mds. 1,53,300	Mds. 1,31,800	Mds. 1,21,900	Mds. 1,17,600	Mds. 1,06,000	Mds. 97,600	Mds. 1,10,300	Mds. 1,29,900	Mds. 1,34,300	Mds. 2,09,500
21 Minor bazars (estimated)...	Mds. 2,40,000	Mds. 2,40,000	Mds. 2,40,000	Mds. 2,40,000	Mds. 2,40,000	Mds. 2,40,000	Mds. 2,40,000	Mds. 2,40,000	Mds. 2,40,000	Mds. 2,40,000	Mds. 2,40,000	Mds. 2,40,000	Mds. 2,40,000
Other retail shops, 3,129 in number (estimated).	Mds. 2,50,000	Mds. 2,50,000	Mds. 2,50,000	Mds. 2,50,000	Mds. 2,50,000	Mds. 2,50,000	Mds. 2,50,000	Mds. 2,50,000	Mds. 2,50,000	Mds. 2,50,000	Mds. 2,50,000	Mds. 2,50,000	Mds. 2,50,000
Baidyabati, Newabani, Rha- dreshwar, and Chandernagore.	Mds. 6,662	Mds. 5,319	Mds. 42,577	Mds. 28,275	Mds. 43,300	Mds. 26,750	Mds. 10,844	Mds. 17,344	Mds. 19,256	Mds. 17,037	Mds. 19,133	Mds. 41,875	Mds. 58,750
Total	23,13,462	27,42,619	26,61,777	24,90,575	23,27,400	22,57,650	20,69,944	17,77,344	15,41,756	16,23,057	18,03,883	20,30,875	23,63,150
On Railway premises on both sides of the river.	Mds. 23,773 (on 3rd April 1893.) 23,720 (1st to 3rd April 1893.) 23,720 (1st to 3rd May 1893.) 23,720 (1st to 3rd June 1893.) 23,720 (1st to 3rd July 1893.) 23,720 (1st to 3rd August 1893.) 23,720 (1st to 3rd Sept. 1893.) 23,720 (1st to 3rd Oct. 1893.) 23,720 (1st to 3rd Nov. 1893.) 23,720 (1st to 3rd Dec. 1893.) 23,720 (1st to 3rd Jan. 1894.) 23,720 (1st to 3rd Feb. 1894.) 23,720 (1st to 3rd March 1894.) 23,720 (1st to 3rd April 1894.)	Mds. 10,934 (on 3rd May 1893.) 21,378 (1st to 3rd May 1893.) 21,378 (1st to 3rd June 1893.) 21,378 (1st to 3rd July 1893.) 21,378 (1st to 3rd August 1893.) 21,378 (1st to 3rd Sept. 1893.) 21,378 (1st to 3rd Oct. 1893.) 21,378 (1st to 3rd Nov. 1893.) 21,378 (1st to 3rd Dec. 1893.) 21,378 (1st to 3rd Jan. 1894.) 21,378 (1st to 3rd Feb. 1894.) 21,378 (1st to 3rd March 1894.) 21,378 (1st to 3rd April 1894.)	Mds. 11,512 (on 3rd June 1893.) 19,601 (1st to 3rd June 1893.) 19,601 (1st to 3rd July 1893.) 19,601 (1st to 3rd August 1893.) 19,601 (1st to 3rd Sept. 1893.) 19,601 (1st to 3rd Oct. 1893.) 19,601 (1st to 3rd Nov. 1893.) 19,601 (1st to 3rd Dec. 1893.) 19,601 (1st to 3rd Jan. 1894.) 19,601 (1st to 3rd Feb. 1894.) 19,601 (1st to 3rd March 1894.) 19,601 (1st to 3rd April 1894.)	Mds. 8,805 (on 3rd July 1893.) 13,314 (1st to 3rd July 1893.) 13,314 (1st to 3rd August 1893.) 13,314 (1st to 3rd Sept. 1893.) 13,314 (1st to 3rd Oct. 1893.) 13,314 (1st to 3rd Nov. 1893.) 13,314 (1st to 3rd Dec. 1893.) 13,314 (1st to 3rd Jan. 1894.) 13,314 (1st to 3rd Feb. 1894.) 13,314 (1st to 3rd March 1894.) 13,314 (1st to 3rd April 1894.)	Mds. 12,897 (on 3rd August 1893.) 56,451 (1st to 3rd August 1893.) 56,451 (1st to 3rd Sept. 1893.) 56,451 (1st to 3rd Oct. 1893.) 56,451 (1st to 3rd Nov. 1893.) 56,451 (1st to 3rd Dec. 1893.) 56,451 (1st to 3rd Jan. 1894.) 56,451 (1st to 3rd Feb. 1894.) 56,451 (1st to 3rd March 1894.) 56,451 (1st to 3rd April 1894.)	Mds. 18,819 (on 3rd Sept. 1893.) 23,091 (1st to 3rd Sept. 1893.) 23,091 (1st to 3rd Oct. 1893.) 23,091 (1st to 3rd Nov. 1893.) 23,091 (1st to 3rd Dec. 1893.) 23,091 (1st to 3rd Jan. 1894.) 23,091 (1st to 3rd Feb. 1894.) 23,091 (1st to 3rd March 1894.) 23,091 (1st to 3rd April 1894.)	Mds. 25,127 (on 3rd Oct. 1893.) 30,729 (1st to 3rd Oct. 1893.) 30,729 (1st to 3rd Nov. 1893.) 30,729 (1st to 3rd Dec. 1893.) 30,729 (1st to 3rd Jan. 1894.) 30,729 (1st to 3rd Feb. 1894.) 30,729 (1st to 3rd March 1894.) 30,729 (1st to 3rd April 1894.)	Mds. 8,583 (on 3rd Nov. 1893.) 32,806 (1st to 3rd Nov. 1893.) 32,806 (1st to 3rd Dec. 1893.) 32,806 (1st to 3rd Jan. 1894.) 32,806 (1st to 3rd Feb. 1894.) 32,806 (1st to 3rd March 1894.) 32,806 (1st to 3rd April 1894.)	Mds. 19,250 (on 3rd Dec. 1893.) 35,114 (1st to 3rd Dec. 1893.) 35,114 (1st to 3rd Jan. 1894.) 35,114 (1st to 3rd Feb. 1894.) 35,114 (1st to 3rd March 1894.) 35,114 (1st to 3rd April 1894.)	Mds. 42,934 (on 3rd Jan. 1894.) 50,635 (1st to 3rd Jan. 1894.) 50,635 (1st to 3rd Feb. 1894.) 50,635 (1st to 3rd March 1894.) 50,635 (1st to 3rd April 1894.)	Mds. 38,003 (on 3rd Feb. 1894.) 49,070 (1st to 3rd Feb. 1894.) 49,070 (1st to 3rd March 1894.) 49,070 (1st to 3rd April 1894.)	Mds. 21,835 (on 3rd March 1894.) 25,147 (1st to 3rd March 1894.) 25,147 (1st to 3rd April 1894.)	Mds. 19,584 (on 3rd April 1894.) 25,147 (1st to 3rd April 1894.)
On boats un- loaded ...	Mds. 76,791 (1st to 3rd April 1893.)	Mds. 34,169 (1st to 3rd May 1893.)	Mds. 7,615 (1st to 3rd June 1893.)	Mds. 14,025 (1st to 3rd July 1893.)	Mds. 19,787 (1st to 3rd August 1893.)	Mds. 31,941 (1st to 3rd Sept. 1893.)	Mds. 31,928 (1st to 3rd Oct. 1893.)	Mds. 19,581 (1st to 3rd Nov. 1893.)	Mds. 11,539 (1st to 3rd Dec. 1893.)	Mds. 51,134 (1st to 3rd Jan. 1894.)	Mds. 1,35,389 (1st to 3rd Feb. 1894.)	Mds. 66,412 (1st to 3rd March 1894.)	Mds. 23,311 (1st to 3rd April 1894.)
Grand total of Stocks	24,39,745	28,09,100	27,00,505	25,27,379	24,16,535	23,51,501	21,64,901	18,32,274	16,07,459	17,67,790	21,01,166	21,77,192	24,39,592
Probable stock available for exportation by sea.	13½ lakhs	17½ lakhs	16½ lakhs	14½ lakhs	13½ lakhs	12½ lakhs	11 lakhs	7½ lakhs	6½ lakhs	7 lakhs	10½ lakhs	11½ lakhs	13½ lakhs

STATISTICAL DEPARTMENT,
The 6th April, 1894.C. E. BUCKLAND,
Secy. to the Govt. of Bengal.

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of March 1894.

	Inches.	Date.	Hour.
The mean pressure of the month	29.825		
The average pressure of March from 24 years' registers ...	29.869		
The highest pressure in the month	30.049	14th	10
The lowest pressure in the month	29.556	5th	16
The range of pressure	0.493		
<hr/>			
The total number of hours of bright sunshine during the month	Hours. 271.5		
The maximum possible number of hours of sunshine ...	371.3		
<hr/>			
The mean temperature of the month	80.4		
The average temperature of March from 24 years' registers ...	80.6		
The highest temperature in the month	93.8	24th	
The lowest temperature in the month	59.8	9th	
The range of temperature during the month	39.0		
The mean daily range of temperature	22.5		
The greatest range of temperature in one day	30.0	9th	
<hr/>			
The mean humidity of the month	Per cent. 66		
The average humidity of March from 24 years' registers ...	66		
<hr/>			
The mean vapour tension of the month	Inches. 0.653		
The average vapour tension of February from 9 years' registers	0.702		
The mean cloud proportion of the month	2.05		
The average cloud proportion of March from 17 years' registers	2.52		
The total rainfall of the month	1.50		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge about 52 feet above the ground)	0.947		
The average fall of March from 48 years' registers ...	1.34		
The greatest fall in 24 hours	1.01	12th	
<hr/>			
The number of rainy days in the month	Days. 2		
The average number of rainy days in March from 24 years' registers	4		
<hr/>			
The mean maximum equilibrium temperature of solar radiation during the month	145.7		
The mean difference of sun and air temperatures	53.6		
The greatest sun temperature	153.5	18th	
The greatest excess of sun over air temperature	61.3	6th	
The mean temperature of the nocturnal radiation thermometer on woollen cloth	62.8		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground	7.4		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature	12.5	26th	
<hr/>			
The mean movement of the wind per day	Miles. 87.5		
The greatest movement of the wind in one day	174.0	1st	
The greatest movement of the wind in one hour	20.0	1st, 9 to 10 A.M.	
<hr/>			
The number of hours with winds from each of the 8 points—			
N. 32, N.E. 10, E. 20, S.E. 14, S. 247, S.W. 153, W. 80, N.W. 86, Calm 102.			

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park Street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore .003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 1.0° lower; and, finally, the thermometer which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards is found to read 0.6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

J. H. GILLILAND,

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 9th April 1894.

For Meteorological Reporter to the Govt. of India.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS
TAKEN IN ASSAM, FOR THE MONTH OF MARCH 1894.**

The principal features in the meteorology of March 1894 have been—

1. The mean pressure for the month has been below the normal in all districts. The defect has been moderate, exceeding 0·025 inch in North Bihar and in the extreme east of the province, while it has ranged up to rather more than 0·04 inch in South-East Bengal and Assam. On the other hand, the defect has been comparatively small in Chota Nagpur and the west of Bihar, where it has equalled only a little more than 0·01 inch.

2. The mean temperature for the month has been slightly above the normal over the southern half of the province, and in slight defect over the northern half. Taking the whole of Bengal and Assam into consideration, the mean temperature has been in excess by 0·2°, but while Orissa has shown an excess of 1·4° and South-West Bengal one of 0·8°, on the other hand Assam has shown a defect of 0·6° and Bihar one of 0·5°. The largest variations have been shown in the day, or maximum, temperatures, which have been in excess at the great majority of stations.

3. Humidity has been lower than usual at the majority of stations, and the defect has been largely noticeable in South-West Bengal. Cloud proportion, on the other hand, has been above the normal at the majority of stations by small amounts, except, perhaps, in Assam, where the sky has been less clouded than usual.

4. Winds during March have had an unusually strong westerly element in them, and, except at a few of the eastern stations, where easterly and north-easterly winds have been reported, winds have been westerly or west-south-westerly in almost all cases. The northerly element in the wind directions, which sometimes prevails in March, has not been strongly developed.

5. Fine settled weather has prevailed over the province for the greater part of the month, and the only disturbed conditions of any importance were in connection with a barometric depression which occurred over Bengal during the first week of the month. Practically none of the barometric depressions or storms originating in or travelling through North-Western India advanced over Bengal, and hence the province was remarkably free from disturbance during the month.

6. Owing to the absence of disturbed and unsettled weather, the amount of rain which has been received over the province has been very small, except in East Bengal. The falls in most divisions have averaged less than, or about a quarter of an inch, and in South-West Bengal the fall has been less than, two-thirds of an inch. The falls have hence been much below the normal in all divisions except East Bengal, which, on the other hand, has received the large average fall of 4·71 inches, or about sixty per cent. more than usual in March.

The following summary will give a short description of the more important changes during the month:—

On the 1st of March pressure had given way rapidly in Bengal, the fall equalling in some cases about a seventh of an inch, and a very influential barometric depression was formed over the western half of the province, while the differences of pressure over the Bay became considerable. Local storms with rain were therefore numerous, and rather strong southerly winds were blowing at the head of the Bay. On the 2nd of March a further fall of pressure took place over the greater part of Bengal, and the depression moved somewhat in an easterly direction, and at some stations pressure was a fifth of an inch below the normal. Again, local storms with rain were numerous, and in some cases they were severe, and Barisal reported 3·55 inches during a thunderstorm with hail. Madaripur in the Faridpur district also registered 4·70 inches of rain, Gournadi (Backergunge district) 3·48 inches, Ramganj (Noakhali district) 4·65 inches, Mirsarai (Chittagong district) 5·82 inches, and Rangamatia 3·72 inches. On the 3rd March a rather brisk fall of pressure had again occurred in Bengal, and pressure became in defect by amounts ranging up to 0·285 inch at Malda. Disturbed conditions therefore continued, and several heavy falls of rain accompanying local storms were reported, Rangamatia receiving the very heavy fall of 7·52 inches. With this pressure distribution also strong southerly winds were blowing over the province from the Bay, bringing up much moisture, while temperature was also generally in excess by about 3°. On the 4th pressure rose slowly and conditions were less disturbed, but on the 5th pressure again fell briskly, particularly in South-West Bengal and Orissa, and the depression over Bengal increased in depth, and on the 5th and 6th local storms with rain were rather numerous. On the 7th and 8th the depression which had so long existed over Bengal steadily filled up, and on the 9th it had almost disappeared, and dry westerly and north-westerly winds flowed over the province, while the local storms practically ceased. On the 11th, however, a slight recurrence of the previous conditions was noticed. A brisk fall of pressure took place on this date over Chota Nagpur and the neighbouring districts, and a distinct barometric depression was formed, the winds at the neighbouring stations showing indraught towards the small storm. The small depression, however, moved away rapidly in a south-easterly direction, and on the 12th it was in South-East Bengal. In its

passage it gave moderate rain in South-West and South-East Bengal. The pressure changes on the 12th and 13th caused almost a reversion to the pressure distribution of February, and with the high pressure thus established north-westerly and westerly winds set in over a large part of the province, and weather became fine and dry in all districts. The excess pressure gradually disappeared, and winds became less northerly, while at the southern stations winds were more or less southerly from about the 17th instant, but from this date to the close of the month the changes continued unimportant, and ordinary hot-weather conditions prevailed. Hence during this period the changes call for no detailed review.

Pressure.—In the early part of the month pressure was below the normal by about a tenth of an inch. In the week ending the 10th instant the defect had increased up to about 0·15 inch. In the following week for the first few days pressure was in defect, it was decidedly in excess in the middle of the week, and nearly normal at its close. In the week ending the 24th the defective pressure had quite disappeared, and an excess of about 0·02 to 0·03 inch was registered, while in the last week the excess had increased and ranged from about 0·05 inch at the eastern stations to about 0·08 to 0·10 inch at the western stations. Hence the mean pressure for the whole month was below the normal, the defect equalling about 0·01 to 0·02 inch over the greater part of the western half of the province, while defects of 0·03 to 0·04 inch have been registered at the western and a few of the northern stations. The actual defects have ranged from 0·010 inch at Ranchi and 0·009 inch at Bankura to 0·046 inch at Sibsagar and 0·042 inch at Chittagong.

Temperature.—The mean temperature for the month has been in excess of the normal in South-West and East Bengal, in Bihar, and Chota Nagpur by amounts which have generally averaged less than a degree. Slight defects, on the other hand, have been registered in North Bengal, Bihar and Orissa, the defects usually equalling about half a degree. Hence the general temperature for the whole province has been very slightly in excess, the excess for Bengal equalling about 0·3°.

The following table shows the variation of temperature from the normal, week by week, for the month at nine typical stations in different districts of the province:—

STATIONS.	WEEK ENDING 10TH MARCH 1894.			WEEK ENDING 17TH MARCH 1894.			WEEK ENDING 24TH MARCH 1894.			WEEK ENDING 31ST MARCH 1894.		
	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.
Cuttack ...	+1·5	+3·5	+2·5	-0·1	+1·3	+0·6	+2·6	+0·2	+1·4	+1·7	-0·2	+0·7
Calcutta ...	+0·4	+2·9	+1·7	-2·3	-1·6	-1·9	+3·8	-0·7	+1·5	+2·8	-2·7	+0·1
Chittagong ..	-4·9	+2·1	-1·4	-2·7	-1·6	-2·2	-0·1	+2·7	+1·3	+1·9	-2·9	-0·5
Burdwan ...	+0·3	+2·7	+1·4	-2·1	-1·9	-1·5	+1·9	+1·4	+1·7	0	-6·0	-3·0
Patna ...	-1·1	-0·9	-1·0	-2·0	-4·0	-3·0	+1·1	+4·4	+2·8	-1·3	-3·2	-2·3
Gaya ...	-1·7	-0·3	-1·0	-1·7	-5·4	-3·6	-2·6	-1·4	-2·0	-2·8	-8·1	-5·5
Purnea ...	-2·3	+1·0	-0·6	-2·8	-3·9	-3·3	+1·3	+1·0	+1·2	+0·8	-4·0	-1·6
Hazaribagh ...	+0·2	+1·7	+0·9	-0·7	-2·3	-1·5	1·3	+1·3	0	-1·0	-3·7	-2·3
Darjeeling ...	-4·3	-2·4	-3·4	-4·8	-2·3	-3·6	+1·1	-0·1	+0·5	+4·9	+2·7	+3·7

Rainfall.—The average fall of rain in East Bengal has equalled 4·71 inches, or 1·85 inch more than usually falls in March. South-West Bengal has received the next largest amount of 0·61 inch, or about two-fifths of the normal amount. In North Bengal and Orissa the falls have averaged about a quarter of an inch, while in Chota Nagpur the average fall was only 0·03 inch. Hence in these divisions the falls have been very largely below the normal amounts.

In East Bengal the falls have been exceedingly heavy in the South Lushai Hills, where 23·6 inches have been registered, or 20·82 inches more than usual. The districts of Chittagong and Noakhali have also received very heavy falls. Indeed, all districts in this division have received abundant rain except Mymensingh. In South-West Bengal the districts which have received fairly good rain have been Khulna, Jessore, and Calcutta, while Bankura, Birbhum and Murshidabad have received very little rain. In the remaining divisions practically all districts have received very scanty rainfall.

In Assam Silchar has reported 9·71 inches, Sibsagar 3·46 inches, and Goalpara 0·15 inch of rain during March.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the month of March 1894:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.						
	Highest observed during month.	Lowest observed during month.	Averages for month.			Average mean of month above or below normal mean of month.	Of month.			Rainy days.			Since 16th Oct. 1893.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in month.	Normal average number in month.	Variation.	Average.	Normal average.
South-West Bengal	105.4	53.3	83.5	69.0	81.2	+0.8	0.61	1.46	-0.85	0.93	2.17	-1.24	3.23	5.22
North Bengal	99.1	50.1	88.6 ²	60.9	74.8 ²	-0.4 ²	0.19	1.22	-1.03	0.96	1.80	-0.84	3.70	4.02
East Bengal	97.5	54.1	87.1	67.3	77.2	+0.2	4.71	2.86	+1.85	4.12	3.00	+0.52	9.82	7.65
Bihar	101.7	49.9	80.9	62.1	76.1	-0.5	0.10	0.41	-0.31	0.40	0.90	-0.50	5.09	2.70
Orissa	103.3	62.1	90.7	73.9	82.4	+1.4	0.30	1.10	-0.80	0.80	1.84	-1.04	6.00	6.76
Chota Nagpur*	102.5*	53.7*	90.7*	65.0*	77.9*	+0.5*	0.03	0.85	-0.82	0.18	1.66	-1.48	3.92	3.60
Assam	96.5	55.7	82.8	62.5	72.6	-0.6								

* Daltonganj not included.

METEOROLOGICAL OFFICE, BENGAL,
The 10th April 1894.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.



Abstract of the Results of the Barometric and Thermometric Observations taken at 10 a.m. at the Meteorological Office, Chowringhee, in the month of March 1894.

	Inches.	Date.
The mean pressure at 10 A.M. during the month	29.902	
The mean temperature at 10 A.M. during the month	85.2	
The highest temperature during the month	98.5	24th and 31st.
The lowest temperature during the month	60.9	9th
The absolute range of temperature during the month	37.6	
The mean daily range of temperature during the month	23.1	
The greatest range of temperature in one day during the month	30.6	9th
The mean 10 A.M. humidity during the month	53	
The mean 10 A.M. vapour tension during the month	0.634	
The total rainfall of the month	1.09	
The greatest fall in 24 hours	0.55	12th
The number of rainy days in the month	2	days

METEOROLOGICAL OFFICE, INDIA,
The 9th April 1894.

J. H. GILLILAND,
For Meteorological Reporter to the Govt. of India.

Results of the Meteorological Observations taken at the Alipore Observatory from 1st to 7th April 1894.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 82° Fah.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1894.		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
[April	1st	152.5	8.3	29.802	84.7	98.5	26.3	72.2	75.0	0.740	70.2	66	S and SSE	131	Nil	Partially cloudy, 
"	2nd	145.0	7.1	.763	84.6	92.3	14.3	78.0	77.8	.863	74.8	73	S by E, S and SSE	223	"	Partially cloudy, t.
"	3rd	144.6	9.6	.758	83.2	91.6	18.6	73.0	75.8	.795	72.3	71	SSE and SE	225	"	Clear.
"	4th	149.5	9.4	.800	84.2	92.6	15.7	76.9	77.5	.854	74.5	74	S and SSE	218	"	Chiefly clear.
"	5th	146.1	8.5	.834	83.6	92.7	15.4	77.3	77.5	.865	74.8	76	S, SSE and variable.	209	0.55	Partially cloudy, o, g, p, t, 
"	6th	146.8	8.0	.747	83.1	93.2	21.2	72.0	78.3	.905	76.2	80	S and SSE	221	Nil	Partially cloudy.
"	7th	155.0	9.4	.640	87.9	103.3	27.3	76.0	75.7	.725	69.6	55	S by E and WSW	155	"	Partially cloudy.

The mean pressure of the seven days Inches.
 The average pressure of the corresponding period for 24 years, Surveyor-General's Office 29.763

The total number of hours of bright sunshine 29.788
 The maximum possible number of hours of sunshine Hours.
 60.3
 86.8

The mean temperature of the seven days 84.5
 The average temperature of the corresponding period for 24 years, Surveyor-General's Office

The extreme variation of temperature 184.3
 The maximum temperature 31.3
 103.3

The highest velocity of the wind in one hour Miles.
 18

The mean relative humidity %
 The average relative humidity of the corresponding period for 24 years, Surveyor-General's Office 71

The total fall of rain from 1st to 7th April 1894 Inches.
 The average fall of the corresponding period for 24 years, Surveyor-General's Office 0.55

The total fall from 1st January to 7th April 1894 0.39
 The average fall of the corresponding period for 24 years, Surveyor-General's Office 2.30

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph and from observations made at 6h, 10h, 16h, and 22h.


The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; g, gloomy; p, passing temporary showers; t, thunder; <, lightning; , dew.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;

J. H. GILLILAND,

Calcutta, the 9th April 1894.

For Meteorological Reporter to the Govt. of India.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY,
THE 7TH OF APRIL 1894.**

THROUGHOUT the whole of the previous week fine settled weather of ordinary hot-weather character had prevailed in Bengal. On the 1st of April, or the first day of the week under review, a brisk to rapid fall of pressure occurred, the fall exceeding a tenth of an inch in parts of Bihar, North Bengal and Assam, but still pressure was slightly above the normal of the day. Temperature also rose rather rapidly, and the day temperature became decidedly in excess of the normal. Fine settled weather, however, still prevailed, and no rain was reported. On the 2nd the fall of pressure continued, and slightly defective pressure was recorded, particularly at the western stations, while temperature and humidity again increased at the majority of stations. Rather strong southerly winds also set in at the head of the Bay, bringing up considerable amounts of moisture. Conditions on this day were, however, not quite so settled as they had been, and local storms occurred in Assam, where Sibsagar reported 0.70 inch of rain. On the 3rd instant the pressure changes were small, and the general pressure continued in moderate defect. Strong, moist, southerly, and in many cases south-easterly winds continued to blow from the Bay into Bengal, and these winds were met over the western districts of the province by dry westerly winds blowing down the Gangetic plain. Hence a considerable amount of interaction took place between these opposing wind systems, and rather numerous local storms with rain occurred, rain being reported in South and East Bengal and Orissa, while Bogra reported a thunderstorm with hail, and a snowstorm occurred at Gnatong. A slight to rapid increase of pressure occurred in Bengal on the 4th, the change being small in the south-western districts and large in parts of Assam and North Bengal, pointing to the continuance of decidedly disturbed conditions, and again rather numerous local storms with rain occurred, Naraingunge reporting 0.81 inch of rain with hail during a thunderstorm, while again a snowstorm occurred at Gnatong. A small but irregular increase of pressure occurred on the 5th, showing that disturbed conditions still continued, and again a few local storms with rain, etc., occurred, Gnatong receiving 0.27 inch of snow during a snowstorm. On the 6th a brisk fall of pressure recommenced in Bengal, the fall in some parts of Assam equalling an eighth of an inch. Rather strong southerly winds continued to blow from the Bay over Bengal, and again a good many local storms had occurred, Calcutta reporting 0.55 inch, while Burdwan had received 0.25 inch of rain accompanied by hail. On the 7th, or the last day of the week, pressure had fallen very rapidly, the fall at many of the northern stations ranging up to nearly a fifth of an inch and equalling more than a tenth of an inch at the southern stations. Hence pressure over Bengal became so low that a barometric depression existed over parts of North Bengal, where there was a defect exceeding a fifth of an inch. Winds also generally became more westerly in connection with this low-pressure area, while temperature rose and generally became in excess of the normal by from 1° to 3° . With the extension of dry westerly winds, however, the number of local storms rapidly decreased, and on the 7th practically no rain was reported.

Pressure.—At the great majority of stations the mean pressure for the week has been slightly below the normal, but the defect is generally not larger than about 0.02". The pressure variations are, however, decidedly variable even at neighbouring stations, and the extreme variations are from a defect of 0.054" at Buxar to an excess of 0.016" at Chittagong and Darjeeling.

Temperature.—The changes of temperature during the week have been rather large and irregular, and have been to a considerable extent due to the occurrence of local storms with rain. For the whole week the mean temperature of the province has been about 0.6° above the normal, the excess being mainly confined to Chota Nagpur and South-West Bengal.

The actual temperatures registered during the week and their variations from the normal temperature for the present season are most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the week at nine typical stations in the province are compared with the normal values for the same period. The day, or maximum, readings for the week have shown a slightly lower temperature than usual, and the defect at the nine stations in the maximum, or day, temperature has equalled 0.2° , while the night, or minimum, temperature has been in rather larger defect, the variation at the nine stations averaging nearly 0.3° :—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending Saturday, the 7th of April 1894.

	Normal mean maximum temperature for the week ending 7th April.	Actual mean maximum temperature for the week ending 7th April 1894.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 7th April.	Actual mean minimum temperature for the week ending 7th April 1894.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 7th April.	Actual mean daily temperature for the week ending 7th April 1894.	Variation of actual mean from the normal.
Cuttack	101.4	99.6	-1.8	76.3	77.1	+0.6	89.0	88.4	-0.6
Calcutta	95.6	94.0	-1.6	74.6	75.0	+0.4	85.1	84.6	-0.5
Chittagong	88.3	86.9	-1.4	73.0	73.5	+0.5	80.7	80.2	-0.5
Rurdwan	100.1	99.0	-1.1	74.2	73.7	-0.5	87.2	86.4	-0.8
Patna	99.5	99.2	-0.3	71.6	70.6	-1.0	86.6	84.9	-1.7
Gaya	101.1	102.2	+1.1	73.7	68.9	-4.8	86.9	85.5	-1.4
Purnea	97.2	96.3	-0.9	68.1	63.2	-4.9	82.7	81.2	-1.5
Hazaribagh	95.7	98.7	+3.0	70.4	73.1	+2.7	83.0	85.9	+2.9
Darjeeling	60.9	62.2	+1.3	46.9	47.8	+0.9	53.9	55.0	+1.1

Rainfall.—The heaviest falls have occurred in East Bengal, where an average amount of 0.88 inch has been recorded, which is about double the normal amount for the period. In North Bengal the falls have averaged 0.60 inch, which is again rather more than double the usual amount for the season, and in Orissa 0.30 inch has fallen, which is a little less than double the usual amount. In South-West Bengal the falls have only averaged 0.15 inch, or about half the usual amount, and it has been practically rainless in Bihar and Chota Nagpur.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 7th of April 1894:—

METEOROLOGICAL DIVISIONS.		TEMPERATURE.							RAINFALL.								
		Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 1st April 1894.	
				Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
South-West Bengal	...	108.4	66.4	75.1	87.0	87.0	+0.9	0.15	0.27	-0.12	0.30	0.44	-0.14	0.15	0.27	0.15	0.27
North Bengal	...	103.3	61.0	93.0	68.1	80.6	+0.1	0.60	0.28	+0.32	0.80	0.41	+0.39	0.60	0.28	0.60	0.28
East Bengal	...	97.8	66.8	90.9	78.2	82.0	0	0.88	0.44	+0.44	1.48	0.71	+0.77	0.88	0.44	0.88	0.44
Bihar	...	104.4	60.3	98.5	69.5	84.0	+0.5	Nil	0.06	-0.06	0.00	0.17	-0.17	Nil	0.06	Nil	0.06
Orissa	...	101.7	69.6	92.0	76.8	84.5	-0.4	0.30	0.17	+0.13	0.70	0.32	+0.38	0.30	0.17	0.30	0.17
Chota Nagpur*	...	106.3	66.4	99.5	73.6	86.5	+2.6	Nil	0.07	-0.07	0.00	0.18	-0.18	Nil	0.07	Nil	0.07

* Daltonganj not included.

METEOROLOGICAL OFFICE, BENGAL,
The 10th April 1894.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 1st to 7th April 1894.

MONTH.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	TEMPERATURE.						HYGROMETRY.			Rainfall, past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
April	1st	29.884	85.9	99.0	26.2	72.8	90.1	81.5	.960	78.0	68	...
"	2nd	.838	85.5	94.0	17.0	77.0	88.6	79.5	.886	75.6	66	...
"	3rd	.818	82.7	93.0	20.7	72.3	88.6	78.5	.840	74.0	63	...
"	4th	.888	85.2	93.5	16.7	76.8	88.6	79.5	.886	75.6	66	...
"	5th	.921	85.1	93.4	16.6	76.8	88.6	79.5	.886	75.6	66	...
"	6th	.820	81.9	94.0	24.2	69.8	83.6	79.5	.954	77.8	83	0.90
"	7th	.716	89.5	103.6	28.3	75.3	91.1	80.5	.899	76.0	62	...

The mean 10 A.M. pressure of the seven days	...	...	...	Inches.
				29.841
The mean temperature of the seven days	...	...	...	85.1
The extreme variation of temperature	...	...	...	33.8
The maximum temperature	...	...	...	108.6
The mean 10 A.M. relative humidity of the seven days	...	...	...	%
				68
The total fall of rain from 1st to 7th April 1894	...	...	...	Inch.
				0.90
The daily mean temperatures are the crude means of maximum and minimum temperatures.				

J. H. GILLILAND,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,
The 9th April 1894.

IRRIGATION DEPARTMENT, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Major Works for the month of February 1894, as compared with that of the corresponding month of the previous year.

CANALS.	TOLLAGE, 1893-94.			TOLLAGE, 1892-93.		
	During the month.			During the month.		
	Rs.	A.	P.	Rs.	A.	P.
<i>Orissa Circle.</i>						
Taldanda Canal System	949	3	10	12,096	6	10
Kendrapara ditto	7,586	15	8	76,691	4	10
High Level, Range I	1,184	11	0	13,127	1	9
Ditto, " II	414	3	6	3,124	7	7
Ditto, " III	174	12	9	1,826	6	0
Jajpur Canal ...	54	12	0	391	2	1
Total Orissa Circle ...	10,364	10	9	1,07,256	13	1
<i>South-Western Circle.</i>						
Midnapore Canal ...	11,919	2	3	1,03,444	4	6
Hijili Tidal Canal ...	4,390	15	9	50,841	5	9
Total South-Western Circle ...	16,310	2	0	1,54,285	10	3
<i>Sone Circle.</i>						
Patna Canal System ...	2,193	14	6	19,892	8	9
Arrah ditto ...	1,634	7	3	17,299	9	10
Buxar ditto ...	636	7	3	6,517	7	11
Total Sone Circle ...	4,464	13	0	43,709	10	6
GRAND TOTAL ...	31,139	9	9	3,05,252	1	10

Government Transport Service.

CANAL.	TOLLAGE, 1893-94.						TOLLAGE, 1892-93.					
	During the month.			To end of the month.			During the month.			To end of the month.		
	Passengers.	Goods.	re- cepts.	Passengers.	Goods.	re- cepts.	Passengers.	Goods.	re- cepts.	Passengers.	Goods.	re- cepts.
	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.
<i>Orissa Circle.</i>												
High Level ...	1,766	2,007	1,714 8 6	22,022	8,404	21,683 4 10	2,353	1,312	2,184 3 7	16,420	13,476	16,661 8 5
Total Orissa Circle ...	1,766	2,007	1,714 8 6	22,022	8,404	21,683 4 10	2,353	1,312	2,184 3 7	16,420	13,476	16,661 8 5

Total Navigation Receipts.

CANALS.	EARNINGS, 1893-94.			EARNINGS, 1892-93.		
	During the month.			During the month.		
	Rs.	A.	P.	Rs.	A.	P.
Orissa Canals ...	12,079	3	3	1,28,940	1	11
Midnapore Canal ...	11,919	2	3	1,03,444	4	6
Hijili Tidal Canal ...	4,390	15	9	50,841	5	9
Sone Canals ...	4,464	13	0	43,709	10	6
Total ...	32,854	2	3	3,26,935	6	8

CALCUTTA,
The 10th April 1894.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

IRRIGATION DEPARTMENT, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Minor Works and Navigation for the month of February 1894, as compared with that of the corresponding month of the previous year.

CANALS.	TOLLAGE, 1893-94.		TOLLAGE, 1892-93.	
	During the month.	To end of the month.	During the month.	To end of the month.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta and Eastern Canals ...	34,607 8 6	2,91,065 2 6	42,124 8 3	3,25,970 2 9
Tolly's Nala ...	8,974 10 0	77,020 12 9	9,207 0 9	81,411 2 0
Total ...	43,582 2 6	3,68,085 15 3	51,331 9 0	4,07,381 4 9
Orissa Coast Canal ...	7,138 9 9	87,364 6 9	5,884 3 3	46,329 8 0
Nadia Rivers ...	8,599 7 0	1,64,154 3 4	7,829 8 0	1,56,330 0 3
GRAND TOTAL ...	59,320 3 3	6,19,604 9 4	65,045 4 3	6,10,040 13 0

CALCUTTA,
The 10th April 1894.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate return of traffic for the week ending Saturday, the 7th April 1894, as compared with the corresponding week of the previous year.

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 7TH APRIL 1894.			WEEK ENDING SATURDAY, THE 8TH APRIL 1893.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy ...	356	47,310	635	630	1,35,550	2,273
Jute ...	16	5,925	107	12	2,925	55
Firewood ...	68	34,025	552	147	88,925	1,343
Other articles ...	779	1,88,200	2,684	857	1,92,425	3,012
Total ...	1,219	2,75,460	3,978	1,646	4,19,825	6,683

EAST INDIAN RAILWAY.

Statement of Goods Traffic in Staples carried during the three weeks and 6 days ending 7th February 1894,
as compared with the same period of 1893.

STAPLES.	1893.		1894.		INCREASE.		DECREASE.	
	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
Cotton, raw	88,773	56,499	1,78,353	1,48,673	89,580	92,174	...	...
Cotton twist and yarn—								
1.—European	7,032	6,673	7,492	5,769	460	...	...	904
2.—Indian	16,477	8,476	26,144	15,111	9,670	6,635	...	...
Cotton piece-goods—								
1.—European	1,62,737	1,82,156	1,29,118	1,06,093	...	...	33,619	76,063
2.—Indian	11,549	7,755	19,634	8,723	8,085	908	...	...
Drugs and chemicals—								
1.—Intoxicating other than opium ...	1,078	316	606	169	...	...	472	147
2.—Non-intoxicating	9,202	8,359	8,291	6,999	...	...	911	1,360
Dyes and tans—								
1.—Indigo	965	827	4,020	5,071	3,055	4,244	...	...
2.—Myrabolams	54,039	11,833	25,161	6,367	...	...	28,878	5,466
3.—Aniline dyes	387	343	249	252	...	...	138	91
4.—Cutch	1,412	507	1,073	591	261	84	...	...
5.—Paints and colours	15,825	5,238	7,261	4,444	...	...	8,564	754
6.—Others	2,670	1,078	2,767	890	97	...	...	188
Grains—								
1.—Wheat	2,66,699	1,69,344	2,40,054	1,04,437	...	...	25,655	4,857
2.—Rice	7,83,251	1,28,381	9,31,264	1,46,268	1,47,013	17,887	...	...
3.—Jawar and bajra	58,175	7,436	11,477	1,988	...	...	46,698	5,448
4.—Gram	1,11,369	48,219	52,494	16,892	...	...	58,875	31,327
5.—Indigo seed	88,233	32,514	1,44,971	52,829	56,738	20,315	...	...
6.—Seeds other than oil-seeds ...	76,699	21,101	44,984	10,802	...	...	31,715	10,299
7.—Others	3,19,617	83,826	3,48,775	75,133	29,128	...	...	8,687
Hides and skins—								
1.—Hides of cattle	61,818	42,348	65,741	38,285	3,923	...	...	4,063
2.—Skins of sheep, &c.	16,689	7,393	13,038	5,394	...	...	3,651	1,999
Horns	948	623	597	445	...	...	351	178
Julio—								
1.—Raw	55,491	16,673	32,751	11,718	...	...	22,740	5,455
2.—Gunny bags and cloth	1,04,246	57,419	97,951	50,353	...	...	6,295	7,066
Lac—								
1.—Stick	17,130	5,784	29,059	9,261	12,029	3,477	...	...
2.—Shell-lac	15,689	12,364	18,310	13,665	2,621	1,301	...	...
Leather—								
1.—Unmanufactured	1,926	3,966	1,539	3,330	...	...	387	636
2.—Manufactured	7,889	7,984	4,790	5,492	...	...	3,199	2,492
Liquors—								
1.—Beer	6,466	3,586	7,387	4,605	921	1,019	...	...
2.—Wines	3,949	5,575	2,961	4,001	...	...	988	1,568
3.—Spirits	3,457	3,528	3,169	2,108	...	...	288	1,720
Metals—								
1.—Copper, unwrought	2,805	3,229	4,179	6,033	1,374	2,804	...	...
2.—Brass, unwrought	3,763	2,215	3,435	2,730	...	615	...	...
3.—Brass and copper, wrought ...	16,154	8,328	18,188	9,703	2,034	1,375	...	...
4.—Iron	2,26,232	1,13,383	3,18,608	1,31,819	92,356	18,436	...	...
5.—Tin	3,563	2,677	5,402	4,175	1,899	1,498	...	...
6.—Others	12,092	8,375	12,062	8,419	...	44	30	...
Oils—								
1.—Castor	3,683	1,148	3,911	1,081	328	...	...	67
2.—Kerosine	1,48,873	65,763	79,066	36,843	...	...	63,807	28,920
3.—Others	10,715	4,344	7,372	2,983	...	...	3,343	1,361
Oil-seeds—								
1.—Linseed	12,546	3,557	1,33,871	24,290	1,21,325	30,643	...	...
2.—Rape and mustard	2,51,736	54,113	2,55,909	63,909	4,173	9,856	...	...
3.—Til or jinjili	68,905	15,423	81,270	21,075	12,365	5,652	...	...
4.—Castor	55,430	14,449	44,906	12,408	...	...	10,524	1,981
5.—Poppy	1,509	3,02	12,931	3,592	11,332	3,290	...	...
6.—Others	22,797	3,065	9,969	1,999	...	...	12,798	1,066
Opium	243	185	1,029	1,074	786	889	...	...
Paper and pasteboard	10,261	6,223	11,741	6,474	1,480	251	...	...
Provisions—								
1.—Ghee	34,141	18,495	37,603	34,059	3,552	15,564	...	...
2.—Dried fruits and nuts	33,290	24,845	24,567	18,441	...	...	8,633	6,404
3.—Coconuts	5,144	1,373	8,248	2,786	3,104	1,413	...	...
4.—Turmeric	17,361	13,902	14,481	11,794	...	...	2,900	2,168
5.—Others	98,510	36,399	88,473	29,191	...	...	10,037	7,208
Salt	3,52,296	92,085	4,65,420	96,645	73,124	4,560	...	...
Salt-petre, &c.—								
1.—Salt-petre	55,003	24,988	69,091	26,687	5,088	1,699	...	...
2.—Borax	3,455	2,703	5,197	2,353	...	...	258	350
3.—Other saline substances	19,397	7,514	28,886	9,320	9,459	1,806	...	...
Silk, raw—								
1.—Foreign	4	1	11	15	7	17	...	...
2.—Indian	3,830	1,743	2,793	1,397	...	...	1,037	346
Silk piece-goods—								
1.—Foreign	1	1	53	177	52	176	...	...
2.—Indian	559	800	706	927	147	127	...	...
Spices—								
1.—Pepper	2,261	1,928	3,397	3,004	1,136	1,076	...	...
2.—Other	35,700	24,385	53,132	33,142	17,432	8,767	...	...
Sugar—								
1.—Drained	19,822	10,341	21,306	13,696	1,484	3,355	...	...
2.—Undrained	5,89,541	1,46,752	4,24,815	1,10,839	...	...	1,04,726	35,853
Stone and lime	2,54,597	47,369	2,87,028	39,599	32,431	...	...	7,770
Tea—								
1.—Foreign ... ..	...	...	14	10	...	...	...	...
2.—Indian	1,825	1,053	1,467	768	...	10	...	285
Timber, &c.—								
1.—Timber	91,504	14,918	1,66,433	36,176	74,929	21,258	...	...
2.—Firewood	27,291	2,179	136,060	2,776	9,369	597	...	...
Tobacco	25,144	11,850	22,508	10,323	...	...	2,636	1,627
Umbrellas	859	934	682	1,266	...	332	177	...
Wool—								
1.—Raw	1,209	1,037	1,196	858	...	...	13	179
2.—Piece-goods—								
a.—European	386	442	153	293	...	...	...	...
b.—Indian	1,574	1,846	1,706	1,765	...	...	233	149
3.—Shawls ... ..	...	...	...	...	132	...	...	81
All other articles of merchandise ...	4,80,865	1,37,147	11,95,825	3,45,468	7,04,960	2,08,321	...	...
Total	54,28,760	18,22,293	64,16,831	20,48,132	9,88,071	2,25,839	...	...
Coal—								
1.—For public	48,18,397	6,51,397	56,64,737	7,81,786	8,46,340	1,39,479	...	...
2.—Railway	4,21,435	39,861	5,86,160	72,779	1,65,125	32,918	...	...
Railway Materials—								
1.—For construction and revenue ...	11,60,637	50,022	16,38,642	51,853	4,77,985	1,831	...	...
Live-stock ... ..	...	9,094	...	5,028	...	...	...	3,166
Total	1,18,51,343	26,15,531	1,43,17,022	29,75,490	24,66,579	3,59,959	...	...

T. SIMPSON, Assistant Auditor.

TRAFFIC AUDIT OFFICE, GOODS DIVISION, JAMALPUR, the 7th April 1894.

EASTERN BENGAL STATE RAILWAY.

Abstract of principal commodities carried over the Eastern Bengal State Railway during the month of January 1894, as compared with the same month of the previous year.

STAPLES.	1894.		1893.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1894.	1893.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal and Coke carried for the Public and Foreign Railways.	6,862	35,916	7,101	14,039	42,778	21,140	21,638	.....
Cotton, raw	28	249	8	235	277	243	34	.....
Cotton, manufactured—								
Twist and yarn, European	368	.....	2,533	91	3,416	2,624	792	.....
Ditto, Indian	289	185						
Piece-goods, European	2,456	7						
Ditto, Indian	99	12						
Drugs and Chemicals—								
Intoxicating, other than opium	1	4						
Non-intoxicating—								
Cinchona bark .....	.....	.....	.....	.....	56	.....	56	.....
Others	33	18						
Dyes and Tans—								
Indigo	37	.....					
Myrabolams .....	.....	.....				
Cutch	45	.....					
Turmeric	13	89			192	.....	192	.....
Aniline dyes .....	.....	.....				
Others	8	.....					
Grain and pulse—								
Wheat	89	12						
Rice in the husk	6,151	10,123						
Rice not in the husk	8,655	3,379	2,451	2,240	12,034	4,091	7,343	.....
Jawar and bajra .....	.....	.....				
Gram and pulse	879	1,733						
Others	328	152	1,906	6,595	19,467	8,501	10,966	.....
Hides and skins—								
Hides of cattle—								
Dressed or tanned								
Raw	164	1,518	12	721	1,682	733	949	.....
Skins of sheep, &c.—								
Dressed or tanned								
Raw		6			6	.....	6	.....
Horns								
Jute—								
Raw	355	32,309	16	23,456	32,664	23,472	9,192	.....
Gunny bags and cloth	458	777	227	1,030	1,235	1,257	.....	22
Lac—								
Stick .....	.....	.....				
Shell	10	14						
Leather, manufactured	67	3			24	.....	24	.....
					70	.....	70	.....
Liquors—								
Beer	31	.....					
Spirits .....	.....	.....				
Wines	72	5			108	.....	108	.....
Metals—								
Copper, unwrought .....	.....	.....				
Brass, do. ....	.....	.....				
Copper, wrought	3	.....					
Brass, do.	299	90	1,652	153	2,856	1,805	1,051	.....
Iron	1,758	182						
Others	507	17						
Oils—								
Kerosine	7,483	14	5,460	202	7,497	5,662	1,835	.....
Castor	10	2						
Cocconut	84	.....					
Others	421	43	402	62	569	464	96	.....
Oilseeds—								
Linseed .....	.....	524						
Rape and mustard	70	656						
Til or jinjili	6	39						
Poppy	1	.....	138	382	1,332	476	862	.....
Earth-nuts .....	.....	.....				
Castor .....	.....	.....				
Others	17	19						
Opium .....	.....	.....				
Paper and pasteboard	70	.....			70	.....	70	.....
Provisions—								
Ghee	106	7						
Dried fruits and nuts	7	1	722	423	1,953	1,145	808	.....
Others	1,121	711						
Railway plant and rolling-stock carried for the Public and Foreign Railways—								
Locomotives, engines and tenders and parts thereof .....	.....	.....				
Carriages and trucks and parts thereof .....	.....	.....				
Materials—								
Steel rails and fish-plates, sleepers and keys of steel and ca t-iron. ....	.....	.....			3,527	9,492	.....	5,965
Other sorts .....	.....	.....				
Salt	5,272	20	2,822	18	5,292	2,840	2,452	.....
Saltetre, &c.—								
Saltetre	6	.....			6	.....	6	.....
Other saline substances .....	.....	.....				
Silk, raw—								
Foreign .....	.....	.....				
Indian .....	.....	24			24	.....	24	.....

Includes Loco. coal 5,377 and 5,747 tons during 1894 and 1893, respectively, carried for Revenue, for which no "Up" and "Down" registers maintained.
 Railway plant and rolling-stock 3,154 and 9,492 tons for the years 1894 and 1893, respectively, for which no "Up" and "Down" registers maintained.

STAPLES.	1894.		1893.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1894.	1893.		
Silk piece-goods—								
Foreign								
Indian								
Spices—								
Betel-nuts	600	1,304	134	1,169	1,904	1,303	601	
Pepper	101							
Ginger		21						
Chillies	1,162	10						
Cardamoms		12						
Others	71	77			1,454		1,454	
Stone and lime	505	314			819		819	
Sugar—								
Refined or crystalized, including sugar-candy.	294	3						
Unrefined, viz., molasses and jaggery or gur, and other saccharine produce.	1,126	665	1,003	898	3,088	1,901	1,187	
Tea—								
Foreign								
Indian		1,088		826	1,088	826	262	
Timber	271	82	228	236	353	464		111
Tobacco—								
Unmanufactured	119	640						
Manufactured—								
Cigars			40	522	768	562	206	
Other sorts	9							
Wool, raw		225			225		225	
Wool, manufactured—								
Piece-goods, European								
Ditto, Indian	1				1		1	
Shawls								
All other articles of merchandise	7,352	1,663	6,055	1,850	9,015	7,905	1,110	
Total	57,350	94,964	32,910	55,098	155,841	97,500	64,439	6,098

Statement of principal commodities carried on the Eastern Bengal State Railway during the month of January 1894.

INCREASES.

Coal and Coke	Tons.		Jute, raw	Tons.
Due to despatches for Bracebridge Hall having been more during this month than in the corresponding month last year.	21,638		Most of the Northern Bihar and Dacca Section shew increases under this head, due to Calcutta market having been favourable.	9,192
Rice not in the husk	7,343		Kerosine oil	1,835
Ranaghat, Chitpur, Hili and almost all the stations on the Bihar Section shew increases under this head, due to good crops and to a brisk demand in the eastern districts where scarcity prevailed.			Principally in despatches from Budge-Budge, and chiefly due to the extension of bulk oil traffic.	
Hides of cattle	949		Salt	2,452
Chiefly in despatches from Dacca.			Mostly in despatches from Chitpur.	
			Sugar	1,187
			Monihari shows increases under this head.	

DECREASES.

Railway plant and rolling-stock carried for the Public and Foreign Railways	5,965
The arrivals of materials for construction and maintenance were small.	

CALCUTTA, the 9th April 1894.

HARRY STUART,
Examiner of Accounts.

BENGAL CENTRAL RAILWAY.

Abstract of principal commodities carried over the Bengal Central Railway during the month of January 1894, as compared with the same month of the previous year.

STAPLES.	1894.		1893.		TOTAL.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1894.	1893.		
	Tons.	Tons.	Tons.	Tons.	Tons. (a)	Tons. (a)	Tons.	Tons.
Coal and Coke carried for the Public and Foreign Railways.	3,095	.....	3,123	.....	3,095	3,123	.....	28
Cotton, raw	.....	.....	.....	1	.....	1	.....	1
Cotton, manufactured—								
Twist and yarn, European	136	.....	.....	.....	.....	.....	.....	.....
Ditto, Indian	2	.....	.....	.....	.....	.....	.....	.....
Piece-goods, European	283	.....	325	.....	421	325	96	.....
Ditto, Indian	.....	.....	.....	.....	.....	.....	.....	.....
Drugs and Chemicals—								
Intoxicating other than Opium	.....	.....	.....	.....	.....	.....	.....	.....
Non-intoxicating—								
Cinchona Bark	.....	.....	.....	.....	1	.....	1	.....
Others	1	.....	.....	.....	.....	.....	.....	.....
Dyes and Tans—								
Indigo	.....	.....	.....	.....	.....	.....	.....	.....
Myrabolams	.....	.....	.....	.....	.....	.....	.....	.....
Cutch	.....	.....	.....	.....	.....	.....	.....	.....
Turmeric	.....	.....	.....	.....	6	.....	6	.....
Aniline Dyes	2	4	.....	.....	.....	.....	.....	.....
Others	.....	.....	.....	.....	.....	.....	.....	.....
Grain and pulse—								
Wheat	.....	.....	.....	.....	.....	.....	.....	.....
Rice in the husk	112	55	.....	.....	.....	.....	.....	.....
Do. not in the husk	525	27	6	634	552	640	.....	88
Jawar and Bajra	.....	.....	.....	.....	.....	.....	.....	.....
Gram and pulse	18	36	.....	.....	.....	.....	.....	.....
Others	18	13	51	120	252	171	81	.....
Hides and skins—								
Hides of cattle—								
Dressed or tanned	.....	.....	.....	.....	.....	.....	.....	.....
Raw	.....	92	.....	.....	.....	.....	.....	.....
Skins of sheep, &c.—								
Dressed or tanned	.....	.....	.....	33	92	33	59	.....
Raw	.....	.....	.....	.....	.....	.....	.....	.....
Jute—								
Raw	.....	636	1	442	636	443	193	.....
Gunny bags and cloth	21	4	15	1	25	16	9	.....
Leather, manufactured	6	.....	.....	.....	6	.....	6	.....
Liquors—								
Beer	.....	.....	.....	.....	.....	.....	.....	.....
Spirits	.....	.....	.....	.....	.....	.....	.....	.....
Wines	5	.....	.....	.....	5	.....	5	.....
Metals—								
Copper, unwrought	.....	.....	.....	.....	.....	.....	.....	.....
Brass, ditto	4	.....	.....	.....	.....	.....	.....	.....
Copper, wrought	.....	.....	.....	.....	.....	.....	.....	.....
Brass, ditto	32	3	126	13	140	139	10	.....
Iron	96	.....	.....	.....	.....	.....	.....	.....
Others	3	11	.....	.....	.....	.....	.....	.....
Oils—								
Kerosine	130	.....	118	2	130	120	10	.....
Castor	1	.....	.....	.....	.....	.....	.....	.....
Coconut	15	.....	.....	.....	.....	.....	.....	.....
Others	188	.....	127	.....	204	127	77	.....
Oilseeds—								
Linseed	.....	2	.....	.....	.....	.....	.....	.....
Rape and mustard	37	3	.....	.....	.....	.....	.....	.....
Til or gingelly	.....	.....	.....	.....	.....	.....	.....	.....
Poppy	.....	.....	19	.....	43	19	24	.....
Earth-nuts	.....	.....	.....	.....	.....	.....	.....	.....
Castor	.....	.....	.....	.....	.....	.....	.....	.....
Others	7	1	.....	.....	7	.....	7	.....
Paper and pasteboard	.....	.....	.....	.....	.....	.....	.....	.....
Provisions—								
Ghee	3	.....	.....	.....	.....	.....	.....	.....
Dried fruits and nuts	.....	.....	.....	.....	.....	.....	.....	.....
Others	441	52	140	204	796	353	443	.....
Railway Plant and Rolling-stock carried for the Public and Foreign Railways—								
Locomotives, engines and tenders and parts thereof	.....	.....	.....	.....	.....	.....	.....	.....
Carriages and trucks and parts thereof	.....	.....	.....	.....	.....	.....	.....	.....
Materials—								
Steel rails and fish-plates, sleepers and keys of steel and cast iron.	.....	.....	.....	.....	(b) 82	(b) 150	.....	68
Other sorts	.....	.....	.....	.....	.....	.....	.....	.....
Salt	267	.....	156	.....	267	156	111	.....
Spices—								
Betel-nuts	7	1,255	.....	1,298	1,262	1,298	.....	36
Pepper	.....	.....	.....	.....	.....	.....	.....	.....
Ginger	.....	.....	.....	.....	.....	.....	.....	.....
Chillies	119	3	.....	.....	.....	.....	.....	.....
Cardamoms	.....	.....	.....	.....	.....	.....	.....	.....
Others	3	9	.....	.....	134	.....	134	.....
Stone and lime	4	.....	.....	.....	4	.....	4	.....
Sugar—								
Refined or crystallized, including sugar-candy.	4	.....	628	190	577	818	.....	241
Unrefined, viz., molasses and jaggery or gur, and other saccharine produce.	41	532	.....	.....	.....	.....	.....	.....
Timber	33	1	.....	.....	34	.....	34	.....
Tobacco—								
Unmanufactured	49	17	.....	.....	.....	.....	.....	.....
Manufactured—								
Cigars	.....	.....	20	22	71	42	29	.....
Other sorts	5	.....	.....	.....	.....	.....	.....	.....
All other articles of merchandise	311	200	324	167	511	401	20	.....
Total	6,024	3,256	5,188	3,127	9,362	8,465	1,359	462

(a) Excludes locomotive coal nil and 509 tons during 1894 and 1893, respectively, carried for Revenue, for which no "Up" and "Down" registers maintained.

(b) Railway plant and rolling-stock 82 and 150 tons for the years 1894 and 1893, respectively, for which no "Up" and "Down" registers maintained.

Statement of principal commodities carried on the Bengal Central Railway during the month of January 1894.

The increases and decreases in the commodities are due to ordinary fluctuation of traffic and call for no special remarks.

CALCUTTA, the 9th April 1894.

HARRY STUART,
Examiner of Accounts.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 31st March 1894, on 1,610½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	268,619*	Rs. A. P. 3,61,584 14 0*	Mds. s. 32,96,749 30	Rs. A. P. 6,86,293 1 0	Rs. A. P. 19,839 2 0	Rs. A. P. 10,67,717 1 0	83,620½	123,479½	207,091
Or per mile of railway ...	.....	224 8 4	.....	426 2 2	12 5 1	662 15 7	.....	.....	.....
For previous 11½ weeks of half-year ...	4,008,084	46,28,662 10 0	4,02,45,088 30	85,88,776 6 0	2,20,406 8 0	1,34,37,845 8 0	980,918½	1,450,977½	2,437,896½
Total for 12½ weeks ...	4,206,703	49,90,247 8 0	4,35,41,829 20	92,75,069 7 0	2,40,245 10 0	1,45,05,562 9 0	1,064,539	1,580,448½	2,644,987½
COMPARISON.									
Total for corresponding week of previous year ...	277,739½	2,96,480 14 1	31,92,931 10	7,61,278 1 6	21,005 9 0	10,78,764 8 7	80,282	126,534	206,816
Per mile of railway corresponding week of previous year ...	.....	184 1 6	.....	472 11 2	13 0 8	669 13 4	.....	.....	.....
Total for corresponding 13 weeks of previous year ...	3,945,820	44,42,911 9 1	3,84,66,666 20	86,22,097 1 8	2,43,391 14 10	1,33,08,400 9 7	1,019,370	1,439,662	2,459,032

* The increase is chiefly due to journeys of His Excellency the Viceroy, his suite and Body-guard, and also to running of a special train for His Excellency the Commander-in-Chief.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 31st March 1894, on 22½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	21,892	Rs. A. P. 5,597 9 0	Mds. s. 21,179 10	Rs. A. P. 831 11 0	Rs. A. P. 8 0 0	Rs. A. P. 6,437 4 0	853	115	968
Or per mile of railway ...	.....	251 9 2	.....	37 6 1	0 5 9	289 5 0	.....	.....	.....
For previous 11½ weeks of half-year ...	*260,885	*67,037 4 0	†2,29,472 0	†8,762 11 0	†118 0 0	75,907 15 0	10,503	1,157	11,660
Total for 12½ weeks ...	282,777	72,634 13 0	2,50,651 10	9,684 6 0	126 0 0	82,345 3 0	11,356	1,372	12,628
COMPARISON.									
Total for corresponding week of previous year ...	21,070	5,462 13 7	9,296 0	332 6 0	26 4 3	5,821 7 10	892	76	968
Per mile of railway corresponding week of previous year ...	.....	245 8 4	.....	14 15 0	1 2 11	261 10 3	.....	.....	.....
Total for corresponding 13 weeks of previous year ...	286,681½	73,436 11 10	1,63,458 30	5,131 5 0	161 12 3	78,729 13 1	11,497	1,335	12,832

* Added number of passengers 1,488 and Rs. 746 } On account of difference between the approximate and audited figures for the week ended 24th Feb.
† Deducted maunds 342 and added " 2 }
‡ Added " 3 } ruary 1894.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for the week ended 31st March 1894, on 161½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	*22,347	Rs. A. P. *21,900 8 0	Mds. s. 64,928 20	Rs. A. P. 11,643 11 0	Rs. A. P. 53 0 0	Rs. A. P. 33,657 3 0	5,345½	3,869	9,214½
Or per mile of railway ...	.....	136 1 0	.....	72 2 3	0 5 3	208 8 6	.....	.....	.....
For previous 11½ weeks of half-year ...	†216,243	†1,63,131 0 0	†8,54,984 20	†1,12,057 14 0	†820 0 0	2,76,008 14 0	65,930½	37,658	103,588½
Total for 12½ weeks ...	238,590	1,85,091 8 0	9,19,913 0	1,23,791 9 0	873 0 0	3,09,666 1 0	71,276½	41,527	112,803
COMPARISON.									
Total for corresponding week of previous year ...	20,519	17,189 15 5	55,208 0	12,980 7 0	37 3 6	30,207 9 11	6,334	3,114	9,448
Per mile of railway corresponding week of previous year ...	.....	106 8 1	.....	80 6 10	0 3 8	187 2 7	.....	.....	.....
Total for corresponding 13 weeks of previous year ...	249,575½	1,72,369 9 5	8,57,059 0	1,09,724 15 0	598 6 9	2,82,692 15 2	70,420	43,043	113,463

* Increase in outward traffic at Delhi and Umballa.
† Added number of passengers 643 and deducted Rs. 289 } On account of difference between the approximate and audited figures for the week ended 24th Feb.
‡ Ditto maunds 68,730 and " 1,233 }
§ Deducted " 44 } February 1894.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

						Rs.	A.	P.
Approximate earnings for the week ending 24th March 1894	...	...	...	...	...	9,111	0	0
Corresponding period of 1893	...	...	...	...	...	11,672	0	0
Decrease	...	...	...	...	...	2,461	0	0
Receipts per mile for the week ending 24th March 1894	...	...	...	...	...	178	10	4
Corresponding period of 1893	...	...	...	...	...	226	14	6
Decrease	...	...	...	...	...	48	4	2
Receipts from 1st January to 24th March 1894	...	...	...	...	...	1,13,848	0	0
Corresponding period of 1893	...	...	...	...	...	1,23,937	0	0
Decrease	...	...	...	...	...	10,089	0	0



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, APRIL 18, 1894.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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Abstract of the Proceedings of the Council of the Lieutenant-Governor of Bengal, assembled for the purpose of making Laws and Regulations under the provisions of the Indian Councils Acts, 1861 and 1892.

THE Council met at the Council Chamber on Saturday, the 31st March, 1894.

Present:

The HON'BLE SIR CHARLES ALFRED ELLIOTT, K.C.S.I., Lieutenant-Governor of Bengal, *presiding*.
 The HON'BLE SIR CHARLES PAUL, K.C.I.E., *Advocate-General*.
 The HON'BLE T. T. ALLEN.
 The HON'BLE H. J. S. COTTON, C.S.I.
 The HON'BLE SIR JOHN LAMBERT, K.C.I.E.
 The HON'BLE D. R. LYALL, C.S.I.
 The HON'BLE J. A. BOURDILLON.
 The HON'BLE MAULVI ABDUL JUBBAR KHAN BAHADUR.
 The HON'BLE F. R. S. COLLIER.
 The HON'BLE C. E. BUCKLAND.
 The HON'BLE C. A. WILKINS.
 The HON'BLE MAULVI SYED FAZI IMAM KHAN BAHADUR.
 The HON'BLE SURENDRANATH BANERJEE.
 The HON'BLE L. GHOSE.
 The HON'BLE MAULVI SERA' ISLAM KHAN BAHADUR.
 The HON'BLE J. G. WOMA.
 The HON'BLE MAHARAJA JAGADINDRA NATH ROY OF NATOR.
 The HON'BLE J. N. STUART.

NEW MEMBER.

The Hon'ble MR. C. A. WILKINS took his seat in Council.

ALLEGED WASTE AND MISAPPROPRIATION OF HINDU RELIGIOUS ENDOWMENTS.

The Hon'ble BABU SURENDRANATH BANERJEE asked—

Will the Government state whether it has received any representations from public bodies on the question of Hindu religious endowments complaining of the waste and misappropriation of temple funds by Mohunts, and what action does the Government propose to take on these representations?

The Hon'ble MR. BUCKLAND replied:—

"A memorial on the subject referred to by the hon'ble member was received from the British Indian Association on the 16th March. There has not yet been time to give the memorial the careful consideration which it deserves and will receive."

COMPENSATION ALLOWANCE TO NON-DOMICILED EUROPEANS AND EURASIANS.

The Hon'ble BABU SURENDRANATH BANERJEE asked—

(a) Will the Government state the number of non-domiciled European and Eurasian servants of the Government (stating the number in each case) who in the Bengal Establishment draw compensation allowance, and the average amount of such allowance per month?

(b) Whether any allowance is paid, if so, what is the total amount and in how many cases, to non-domiciled European and Eurasian employes who draw salaries of over Rs. 200 a month, but whose appointments have not received the sanction of the Government of India as required under the existing rules?

(c) Whether any officers of the latter cases have applied for compensation allowance. If so, how have such applications been dealt with?

The Hon'ble MR. BOURDILLON replied:—

"The information asked for by the hon'ble member was not immediately available, and had to be sought from the office of the Accountant-General: it has not yet been furnished in full, but I hope that I shall be able to supply a complete answer on the occasion of the next meeting of Council."

ALLEGED ORDER PROHIBITING ACCEPTANCE OF BAIL IN CERTAIN NON-BAILABLE CASES.

The Hon'ble BABU SURENDRANATH BANERJEE asked—

(a) Whether the attention of Government has been drawn to an order passed by Mr. Westmacott, Commissioner of the Presidency Division, directing all Magisterial officers within his jurisdiction to refuse bail in all non-bailable offences where a charge has been framed against the accused?

(b) Whether the Government approves of such an order being issued by an executive officer, which is calculated to fetter the exercise of judicial discretion on the part of Magisterial officers?

(c) Whether, having regard to the hardship of such an order and the uncertainty of the law in the matter, the Government will consult the Advocate-General as to the legality of the order?

(d) And whether, if the order is declared to be illegal, the Government will direct that it be withdrawn?

The Hon'ble MR. COTTON replied:—

"The Lieutenant-Governor has ascertained that Mr. Westmacott has issued no such order."

ENQUIRY AS TO TRUTH OF CERTAIN STATEMENTS IN AN AFFIDAVIT.

The Hon'ble BABU SURENDRANATH BANERJEE asked—

(a) Whether the attention of the Government has been drawn to an affidavit, No. 50, dated 19th February, 1894, filed before the Court of the Sessions Judge of Saran, and published in the *Amrita Bazar Patrika* of the 1st March, 1894, in which Ali Hossein, resident of Mohanuda, subdivision Siwan, district Saran, among other things, solemnly affirmed as follows:—

“(1) I was a witness in the case of *Empress versus Khendhari Rai and Dilram Sahu* under section 107 of the Criminal Procedure Code on behalf of Dilram Sahu in the Court of Mr. Lang, the Joint-Magistrate of Siwan. During my examination, Mr. Lang said to me:—‘You have come to depose on behalf of a Hindu. You are not a Mussalman. You are born of a Hindu. You are born of a Rajput. I have not taxed Mussalman, Chamars and Dasadhs, but other Hindus of that *eleka*. You will also be now taxed.’

“(2) I sent a petition to the Lieutenant-Governor of Bengal, complaining of the above, and that petition was under my sanction and with my knowledge and on my behalf.

“(3) I do not know to read and write, and therefore could not sign my name on it.

A. SINGH,
Comr. of Affdts.”

CHAPRA ; the 19th February, 1894.

(b) Whether the attention of the Government has been drawn to the statement published in the same paper to the effect that the affidavit is supported by the statements of some half a dozen eye-witnesses?

(c) Will the Government, having regard to the affidavit, direct a further enquiry to be made, and if the affidavit is false, prosecute Ali Hossein for perjury: if it is true, take such action as the justice of the case may demand?

The Hon'ble MR. COTTON replied:—

“The Lieutenant-Governor does not consider it necessary to take any further action in regard to this matter.”

BENGAL PROVINCIAL SERVICE BUDGET FOR 1894-95.

The Hon'ble MR. BOURDILLON laid on the table the Bengal Provincial Service Budget for 1894-95. He said:—

“The Financial Statement for the Province of Bengal, which under the new Rules of Council had for the first time to be laid before Council in 1893, afforded the Hon'ble MR. RISLEY, who was then Financial Secretary, an opportunity of explaining the origin of the system of Provincial Finance, the conditions of the administration of finance by the Provincial Governments, and the general results of the working of the system in Bengal during the twenty-one years covered by what are colloquially called the four financial contracts with the Government of India, the last of which expired with the year 1891-92. He also explained the distinctive features of the existing Provincial contract for five years which took effect from the 1st April, 1892.

“2. This contract is based upon the assumption that, taking one year with another, the sum required by the Government of Bengal to meet the reasonable demands of the Province on heads of expenditure classed as Provincial is Rs. 4,07,91,000; and as the average annual income was estimated by the Supreme Government in March, 1892, at Rs. 4,22,30,000, the difference of Rs. 14,39,000 is the sum which the Local Government has to hand over to the Imperial Exchequer every year, the Province being thus left with an estimated income and expenditure exactly equal. The receipts under some heads are credited entirely to Provincial revenues, while the revenue under others is shared in varying proportions by the Imperial and Local Governments. The same system is applied to heads of expenditure, the general principle being

observed (with a few exceptions) that the proportion of receipts and of expenditure made over to the Local Government should be the same. In these circumstances, it is obvious that a Local Government has every incentive to careful administration, for the larger the gross income which it can raise, or the greater the economies which it can effect consistently with efficient administration, the larger will be the sum represented by its proportionate share of the revenue.

"3. Under this system, the Provincial Government gets one-fourth of the Land Revenue together with 12 per cent. of the revenue collected from Government Estates, half of the receipts on account of Income-tax, Forests, and Registration, and of the net traffic earnings of the Eastern Bengal Railway, three-fourths of Stamps and one-fourth of Excise. It takes the whole of the receipts under all the other heads except such as are virtually Imperial, but in which a small credit is allowed for special reasons such as Salt, Customs, Interest on Loans and Advances, Superannuation, and Stationery and Printing. On the other side, the Government of Bengal is required to meet all charges under the great spending departments such as General Administration, Courts of Law, Jails, Police, Education, Medical, &c., as well as those under the producing departments—Land Revenue (except Settlement), Provincial Rates, Salt and Customs. It has to meet the whole cost of Stationery and Printing, excluding purchases for the Central Stores, the working expenses of Irrigation and Navigation, and Civil Works, with the exception of Imperial Buildings. It is responsible for one-half of the expenditure under Income-tax, Forests and Registration, for three-fourths of Stamp expenditure, and a quarter of that on Excise.

"4. It is not to be supposed, however, that, with the announcement of the total annual assignment for the Province, the control exercised by the Government of India over Provincial finance comes to an end, for, in the first place, the Local Government is required to maintain all the Provincial services in a state of administrative efficiency, providing increased expenditure in any directions necessary for that purpose, either by reduction of expenditure under other heads, or from increased revenue; secondly, the powers of the Local Government as regards the expenditure of the funds thus placed by estimate at their disposal are carefully defined; and thirdly, with the double object of maintaining a proper supervision over the proceedings of Local Governments, and of ascertaining as closely as possible what its own financial position is, the Supreme Government has laid down strict rules for the preparation of Provincial budgets and for their submission for approval, and they reserve to themselves the right of altering figures both on the receipt and expenditure side, if later or more precise information justifies such action. These budgets, after a careful examination by the Financial Department and the Secretaries of the Departments which have administrative control in each case, are compiled and forwarded to the Government of India as a whole on the 15th of January through the Accountant-General, who, by that time, has before him the actual figures for nine months. Soon after the close of February, the actuals for two more months, or eleven in all, are available, and on or about the 10th of March a final revised estimate for the expiring year, together with a final forecast for the year beginning on the 1st of April, are laid before the Government of India for approval and for incorporation in the great Imperial Budget for the whole of India. The figures now presented to Council in columns 4 and 5 of the abstract statements of revenue and expenditure already circulated to members are those which have been accepted by the Supreme Government after being subjected to the processes which I have just described.

"5. I now pass on to notice briefly the principal points under those heads in the Financial Statements already in the hands of the hon'ble members which seem to require comment or explanation, and I propose to treat them in succession under three heads, viz.—

- (1) The closed accounts of 1892-93.
- (2) The revised estimate for 1893-94.
- (3) The budget estimate for 1894-95.

(1)—ACCOUNTS OF 1892-93.

"6. In the Financial Statement which was laid before the Council on 1st April, 1893, it was shown that, according to the revised estimate for 1892-93 as